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(CS) field  
NEWS 4 AUG 24 ENCOMPLIT/ENCOMPLIT2 reloaded and enhanced  
NEWS 5 AUG 24 CA/CAPLUS enhanced with legal status information for  
U.S. patents  
NEWS 6 SEP 09 50 Millionth Unique Chemical Substance Recorded in  
CAS REGISTRY  
NEWS 7 SEP 11 WPIDS, WPINDEX, and WPIX now include Japanese FTERM  
thesaurus  
NEWS 8 OCT 21 Derwent World Patents Index Coverage of Indian and  
Taiwanese Content Expanded  
NEWS 9 OCT 21 Derwent World Patents Index enhanced with human  
translated claims for Chinese Applications and  
Utility Models  
NEWS 10 OCT 27 Free display of legal status information in CA/CAPLUS,  
USPATFULL, and USPAT2 in the month of November.

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,  
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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FILE 'HOME' ENTERED AT 09:57:12 ON 10 NOV 2009

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0.22

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STRUCTURE FILE UPDATES: 8 NOV 2009 HIGHEST RN 1191799-54-8  
DICTIONARY FILE UPDATES: 8 NOV 2009 HIGHEST RN 1191799-54-8

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

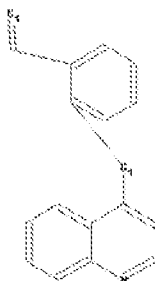
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=>

Uploading C:\Program Files\STNEXP\Queries\10589981 R14 defined.str



chain nodes :

11 20 21

ring nodes :

1 2 3 4 5 6 7 8 9 10 12 13 14 15 16 17

chain bonds :

7-11 11-13 14-20 20-21

ring bonds :

1-2 1-6 2-3 2-7 3-4 3-10 4-5 5-6 7-8 8-9 9-10 12-13 12-17 13-14 14-15  
15-16 16-17

exact/norm bonds :

7-11 11-13 20-21

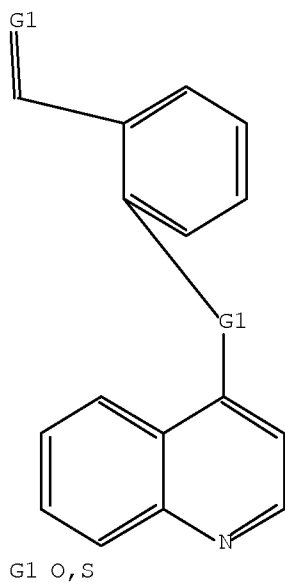
exact bonds :  
 14-20  
 normalized bonds :  
 1-2 1-6 2-3 2-7 3-4 3-10 4-5 5-6 7-8 8-9 9-10 12-13 12-17 13-14 14-15  
 15-16 16-17  
 isolated ring systems :  
 containing 1 : 12 :

G1:O,S

Match level :  
 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
 11:CLASS 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 20:CLASS 21:CLASS

L1 STRUCTURE UPLOADED

=> d l1  
 L1 HAS NO ANSWERS  
 L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s L1 SSS full  
 THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 185.40 U.S. DOLLARS  
 DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y  
 FULL SEARCH INITIATED 09:57:44 FILE 'REGISTRY'  
 FULL SCREEN SEARCH COMPLETED - 2252 TO ITERATE

100.0% PROCESSED 2252 ITERATIONS 191 ANSWERS  
 SEARCH TIME: 00.00.01

L2 191 SEA SSS FUL L1

=> file caplus

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FULL ESTIMATED COST	185.88	186.10

FILE 'CAPLUS' ENTERED AT 09:57:50 ON 10 NOV 2009  
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FILE COVERS 1907 - 10 Nov 2009 VOL 151 ISS 20  
FILE LAST UPDATED: 9 Nov 2009 (20091109/ED)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> s L2 SSS full  
L3 12 L2

=> d ibib abs hitstr 1-  
YOU HAVE REQUESTED DATA FROM 12 ANSWERS - CONTINUE? Y/(N):y

L3 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN  
ACCESSION NUMBER: 2009:846111 CAPLUS Full-text  
DOCUMENT NUMBER: 151:92848  
TITLE: Method using lifespan-altering compounds for altering the lifespan of eukaryotic organisms, and screening for such compounds  
INVENTOR(S): Goldfarb, David Scott  
PATENT ASSIGNEE(S): University of Rochester, USA  
SOURCE: U.S. Pat. Appl. Publ., 57pp.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent

LANGUAGE: English  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20090163545 A1		20090625	US 2008-XM341615	20081222
PRIORITY APPLN. INFO.:			US 2007-16362P	20071221
			US 2008-23801P	20080125

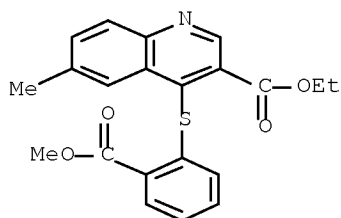
AB The invention discloses a method for altering the lifespan of a eukaryotic organism. The method comprises the steps of providing a lifespan-altering compound, and administering an effective amount of the compound to a eukaryotic organism, such that the lifespan of the organism is altered. In one embodiment, the compound is identified using the DeaD assay. [This abstract record is one of 20 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]

IT 477847-14-6

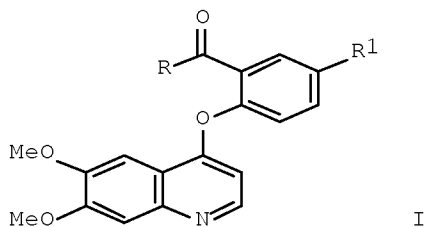
RL: PAC (Pharmacological activity); BIOL (Biological study)  
(method using lifespan-altering compds. for altering lifespan of eukaryotic organisms, and screening for such compds.)

RN 477847-14-6 CAPLUS

CN 3-Quinolinecarboxylic acid, 4-[[2-(methoxycarbonyl)phenyl]thio]-6-methyl-, ethyl ester (CA INDEX NAME)



L3 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN  
ACCESSION NUMBER: 2008:605281 CAPLUS Full-text  
DOCUMENT NUMBER: 149:53851  
TITLE: Synthesis and Evaluation of  
[2-(4-Quinolylloxy)phenyl]methanone Derivatives: Novel  
Selective Inhibitors of Transforming Growth  
Factor- $\beta$  Kinase  
AUTHOR(S): Shimizu, Toshiyuki; Kimura, Kaname; Sakai, Teruyuki;  
Kawakami, Kazuki; Miyazaki, Tetsuko; Nakouji,  
Masayoshi; Ogawa, Akira; Ohuchi, Hitomi; Shimizu,  
Kiyoshi  
CORPORATE SOURCE: KIRIN Pharma Co., Ltd., 6-26-1 Jingumae, Shibuya,  
Tokyo, 150-8011, Japan  
SOURCE: Journal of Medicinal Chemistry (2008), 51(11),  
3326-3329  
CODEN: JMCMAR; ISSN: 0022-2623  
PUBLISHER: American Chemical Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
OTHER SOURCE(S): CASREACT 149:53851  
GI



AB We synthesized and evaluated various [2-(4-quinolyloxy)phenyl]methanone derivs., e.g. I (R = Ph, R1 = H, Me, Br, MeO; R = Me, R1 = H, F, Me, MeO). These compds. had novel chemical structures that were distinct from those of previously reported inhibitors. Biol. data suggested that these compds. inhibited transforming growth factor- $\beta$  signaling by interacting with the ATP-binding pocket of the transforming growth factor- $\beta$  type I receptor kinase domain. Here, we report on the synthesis and structure-activity relationships of the compds. in this series.

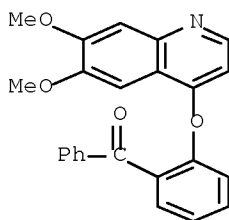
IT 651054-45-4P 666729-48-2P 666729-50-6P  
 666729-51-7P 666729-52-8P 666729-54-0P  
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 666730-88-7P 666730-89-8P 666730-90-1P  
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 793666-69-0P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(preparation and SAR of [(quinolyloxy)phenyl]methanone derivs. as selective inhibitors of TGF- $\beta$  kinase)

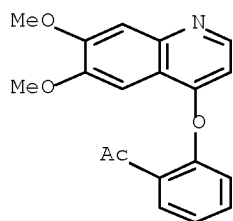
RN 651054-45-4 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]phenyl- (CA INDEX NAME)



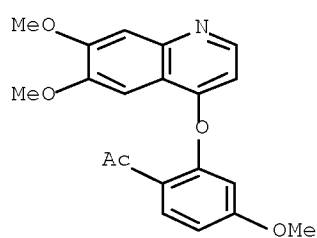
RN 666729-48-2 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]- (CA INDEX NAME)



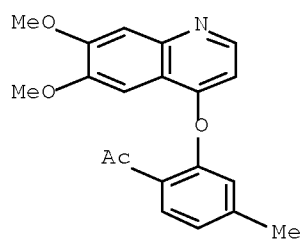
RN 666729-50-6 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-methoxyphenyl]- (CA INDEX NAME)



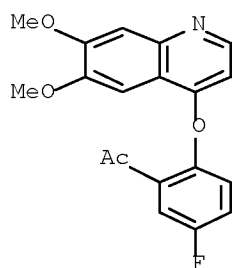
RN 666729-51-7 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-methylphenyl]- (CA INDEX NAME)

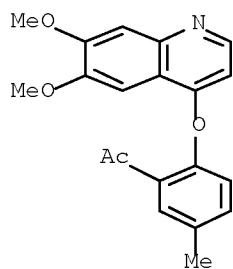


RN 666729-52-8 CAPLUS

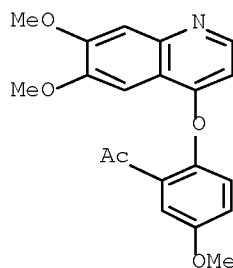
CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-fluorophenyl]- (CA INDEX NAME)



RN 666729-54-0 CAPLUS  
 CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]- (CA INDEX NAME)

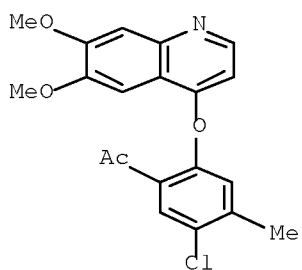


RN 666729-55-1 CAPLUS  
 CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methoxyphenyl]- (CA INDEX NAME)



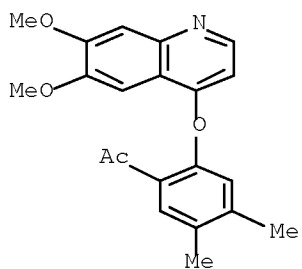
RN 666729-56-2 CAPLUS  
 CN Ethanone, 1-[5-chloro-2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-methylphenyl]- (CA INDEX NAME)





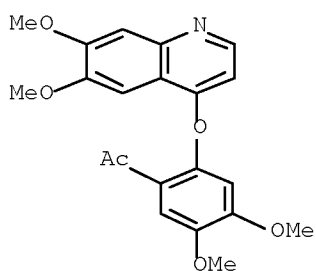
RN 666729-57-3 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4,5-dimethylphenyl]- (CA INDEX NAME)



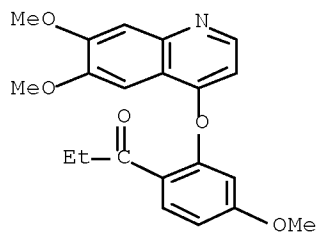
RN 666729-58-4 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4,5-dimethoxyphenyl]- (CA INDEX NAME)

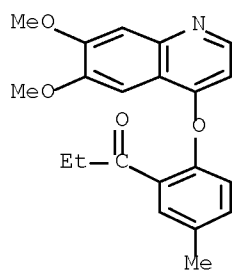


RN 666729-63-1 CAPLUS

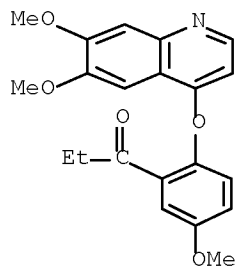
CN 1-Propanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-methoxyphenyl]- (CA INDEX NAME)



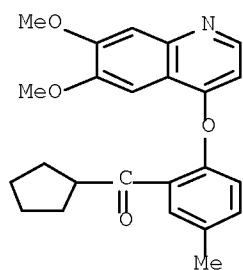
RN 666729-67-5 CAPLUS  
 CN 1-Propanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]- (CA INDEX NAME)



RN 666729-69-7 CAPLUS  
 CN 1-Propanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methoxyphenyl]- (CA INDEX NAME)

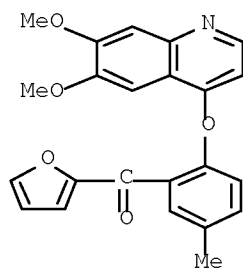


RN 666729-77-7 CAPLUS  
 CN Methanone, cyclopentyl[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]- (CA INDEX NAME)



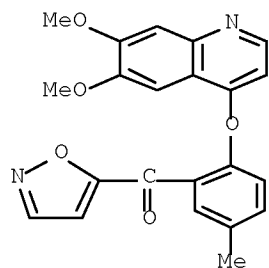
RN 666729-79-9 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]-2-furanyl-  
(CA INDEX NAME)



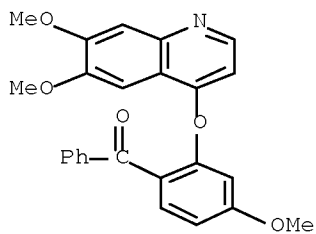
RN 666729-80-2 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]-5-  
isoxazolyl- (CA INDEX NAME)



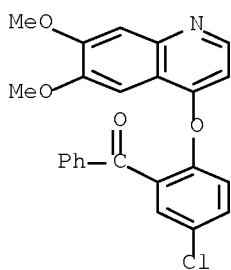
RN 666729-82-4 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-methoxyphenyl]phenyl-  
(CA INDEX NAME)



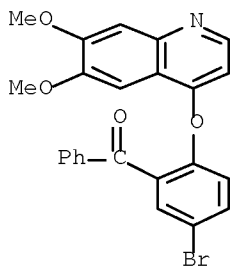
RN 666729-86-8 CAPLUS

CN Methanone, [5-chloro-2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]phenyl-  
(CA INDEX NAME)



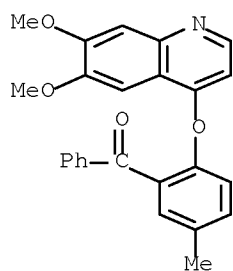
RN 666729-88-0 CAPLUS

CN Methanone, [5-bromo-2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]phenyl- (CA  
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RN 666729-90-4 CAPLUS

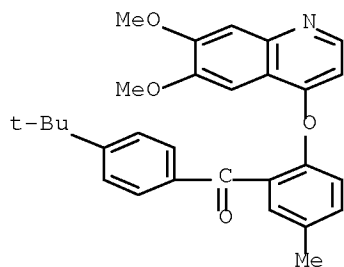
CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]phenyl-,  
hydrochloride (1:1) (CA INDEX NAME)



● HCl

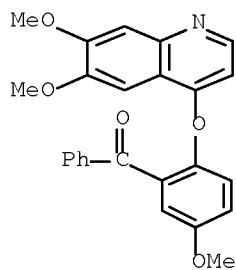
RN 666729-91-5 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl][4-(1,1-dimethylethyl)phenyl]- (CA INDEX NAME)



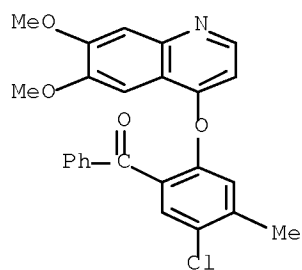
RN 666729-92-6 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methoxyphenyl]phenyl- (CA INDEX NAME)



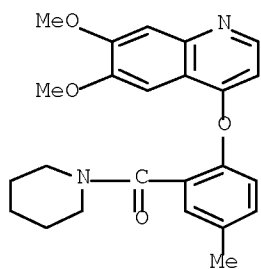
RN 666729-93-7 CAPLUS

CN Methanone, [5-chloro-2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-methylphenyl]phenyl- (CA INDEX NAME)



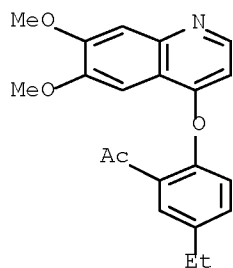
RN 666730-25-2 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]-1-piperidinyl- (CA INDEX NAME)



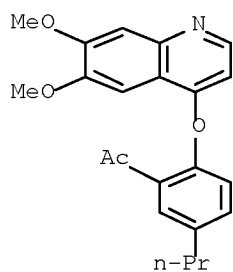
RN 666730-88-7 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-ethylphenyl]- (CA INDEX NAME)



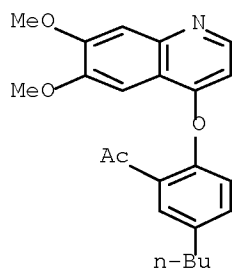
RN 666730-89-8 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-propylphenyl]- (CA INDEX NAME)



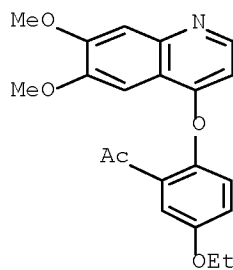
RN 666730-90-1 CAPLUS

CN Ethanone, 1-[5-butyl-2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]- (CA INDEX NAME)



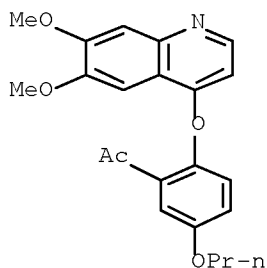
RN 666730-94-5 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-ethoxyphenyl]- (CA INDEX NAME)



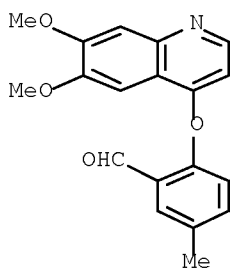
RN 666730-95-6 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-propoxyphenyl]- (CA INDEX NAME)



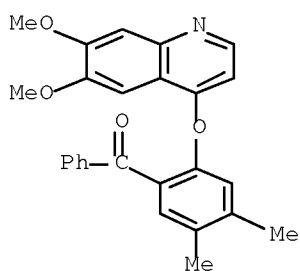
RN 666734-37-8 CAPLUS

CN Benzaldehyde, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methyl- (CA INDEX NAME)



RN 793666-69-0 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4,5-dimethylphenyl]phenyl- (CA INDEX NAME)



IT 666729-45-9P 666730-03-6P 666730-91-2P

666730-92-3P 1032925-28-2P

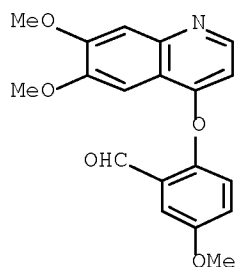
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and SAR of [(quinolyloxy)phenyl]methanone derivs. as selective inhibitors of TGF- $\beta$  kinase)

RN 666729-45-9 CAPLUS

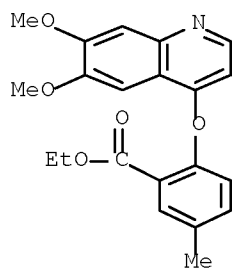
CN Benzaldehyde, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methoxy- (CA INDEX NAME)





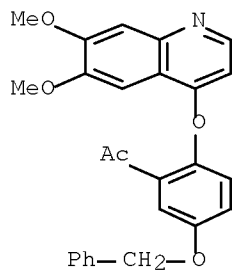
RN 666730-03-6 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methyl-, ethyl ester  
(CA INDEX NAME)



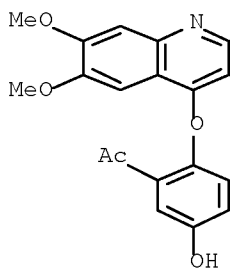
RN 666730-91-2 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-(phenylmethoxy)phenyl]-  
(CA INDEX NAME)

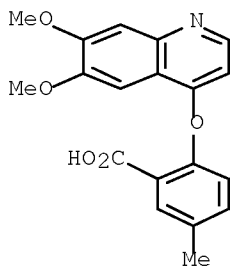


RN 666730-92-3 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-hydroxyphenyl]- (CA  
INDEX NAME)



RN 1032925-28-2 CAPLUS  
 CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methyl- (CA INDEX NAME)



REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN  
 ACCESSION NUMBER: 2005:962244 CAPLUS Full-text  
 DOCUMENT NUMBER: 143:266946  
 TITLE: Preparation of pyridines and related compounds as TGF- $\beta$  inhibitors  
 INVENTOR(S): Shimizu, Kiyoshi; Shimizu, Toshiyuki; Kawakami, Kazuki; Nakoji, Masayoshi; Sakai, Teruyuki  
 PATENT ASSIGNEE(S): Kirin Beer Kabushiki Kaisha, Japan  
 SOURCE: PCT Int. Appl., 461 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005080377	A1	20050901	WO 2005-JP2610	20050218
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,				

AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,  
 EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,  
 RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,  
 MR, NE, SN, TD, TG

EP 1724268 A1 20061122 EP 2005-719280 20050218  
 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,  
 IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR

PRIORITY APPLN. INFO.: JP 2004-45383 A 20040220  
 WO 2005-JP2610 W 20050218

OTHER SOURCE(S): MARPAT 143:266946  
 GI

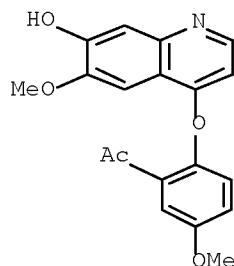
\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB Title compds. I [A = II; Z = O, etc.; D1, D2, D3, D4, X, E, G, J, L, M = C, N; further details on D1, D2, D3, D4, X, E, G, J, L, M are given.; R1-R6, R10-R14 = H, halo, etc.] were prepared For example, reaction of 4-chloro-6,7-dimethoxyquinazoline with 5,6-dimethyl-[2,2'-bipyridin]-3-ol, e.g., prepared from 2,3-dimethylfuran in 2 steps, afforded compound III in 81% yield. In TGF- $\beta$  signal inhibition assays (in vitro), compound III exhibited the inhibitory activity of 89% at 1  $\mu$ M. Compds. I are claimed useful for the treatment of arthritis, ulcer, etc.

IT 666732-41-8P  
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
 (preparation of pyridines and related compds. as TGF- $\beta$  inhibitors for treatment of arthritis, ulcer, etc.)

RN 666732-41-8 CAPLUS

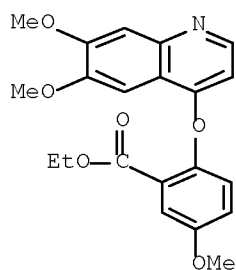
CN Ethanone, 1-[2-[(7-hydroxy-6-methoxy-4-quinolinyl)oxy]-5-methoxyphenyl]-  
 (CA INDEX NAME)



IT 666730-07-0  
 RL: PAC (Pharmacological activity); RCT (Reactant); THU (Therapeutic use); BIOL (Biological study); RACT (Reactant or reagent); USES (Uses)  
 (preparation of pyridines and related compds. as TGF- $\beta$  inhibitors for treatment of arthritis, ulcer, etc.)

RN 666730-07-0 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methoxy-, ethyl ester  
 (CA INDEX NAME)



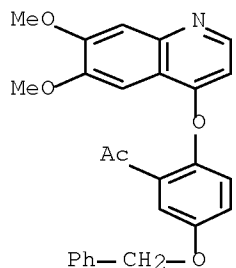
IT 666730-91-2P 666730-94-5P 863785-56-2P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of pyridines and related compds. as TGF- $\beta$  inhibitors for treatment of arthritis, ulcer, etc.)

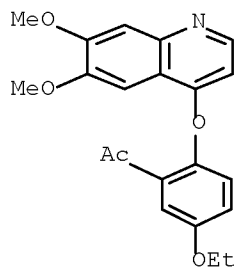
RN 666730-91-2 CAPLUS

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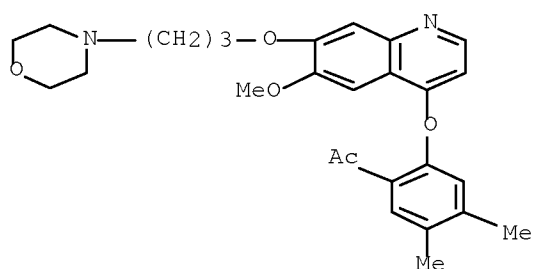
RN 666730-94-5 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-ethoxyphenyl]- (CA INDEX NAME)



RN 863785-56-2 CAPLUS

CN Ethanone, 1-[2-[[6-methoxy-7-[3-(4-morpholinyl)propoxy]-4-quinolinyl]oxy]-4,5-dimethylphenyl]-, hydrochloride (1:2) (CA INDEX NAME)



● 2 HCl

IT	651054-45-4	666729-45-9	666729-48-2
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	666729-53-9	666729-54-0	666729-55-1
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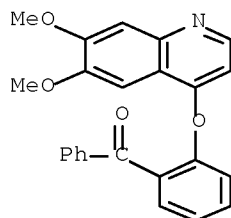
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RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL  
(Biological study); USES (Uses)

(preparation of pyridines and related compds. as TGF- $\beta$  inhibitors for  
treatment of arthritis, ulcer, etc.)

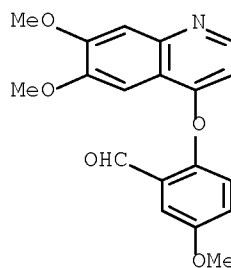
RN 651054-45-4 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]phenyl- (CA INDEX  
NAME)



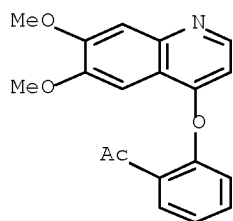
RN 666729-45-9 CAPLUS

CN Benzaldehyde, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methoxy- (CA INDEX  
NAME)



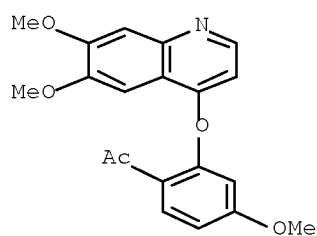
RN 666729-48-2 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]- (CA INDEX NAME)



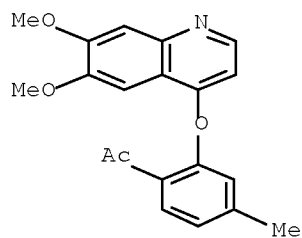
RN 666729-50-6 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-methoxyphenyl]- (CA INDEX NAME)



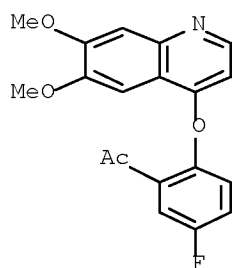
RN 666729-51-7 CAPLUS

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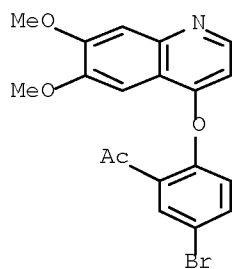
RN 666729-52-8 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-fluorophenyl]- (CA INDEX NAME)



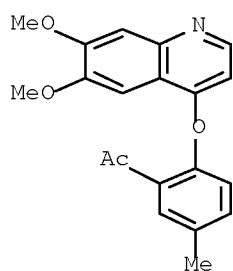
RN 666729-53-9 CAPLUS

CN Ethanone, 1-[5-bromo-2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]- (CA INDEX NAME)



RN 666729-54-0 CAPLUS

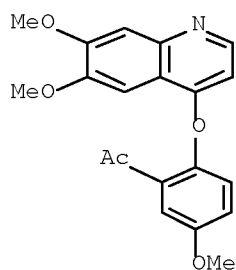
CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]- (CA INDEX NAME)



RN 666729-55-1 CAPLUS

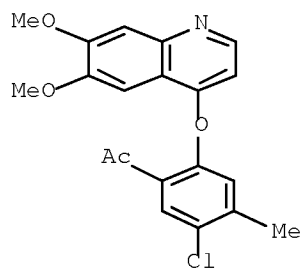
CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methoxyphenyl]- (CA INDEX NAME)





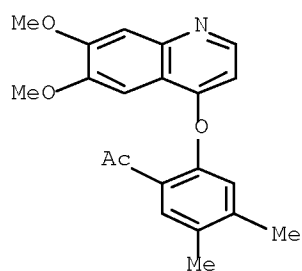
RN 666729-56-2 CAPLUS

CN Ethanone, 1-[5-chloro-2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-methylphenyl]-  
(CA INDEX NAME)



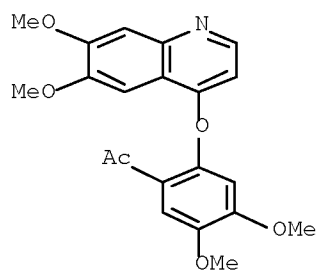
RN 666729-57-3 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4,5-dimethylphenyl]-  
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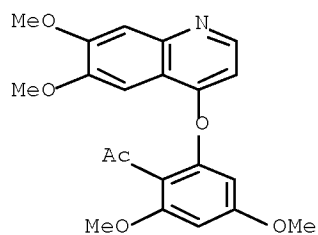
RN 666729-58-4 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4,5-dimethoxyphenyl]-  
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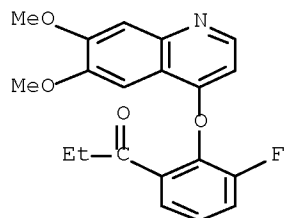
RN 666729-59-5 CAPLUS

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(CA INDEX NAME)



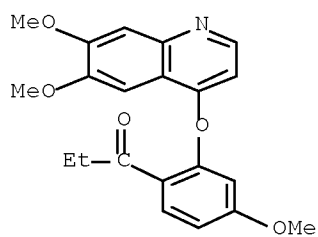
RN 666729-62-0 CAPLUS

CN 1-Propanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-3-fluorophenyl]-  
(CA INDEX NAME)



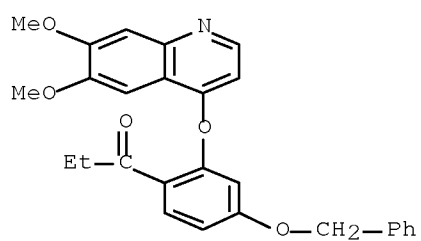
RN 666729-63-1 CAPLUS

CN 1-Propanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-methoxyphenyl]-  
(CA INDEX NAME)



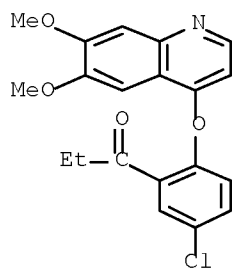
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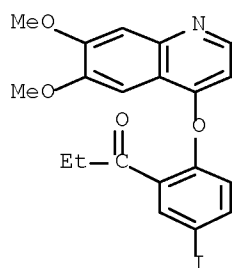
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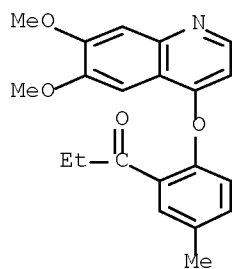


RN 666729-66-4 CAPLUS

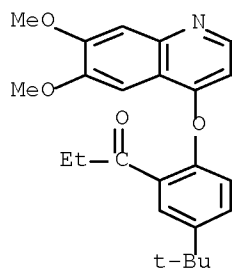
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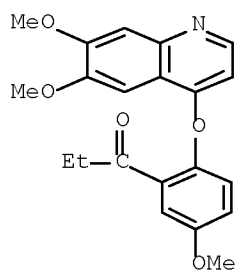
RN 666729-67-5 CAPLUS  
 CN 1-Propanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]- (CA INDEX NAME)



RN 666729-68-6 CAPLUS  
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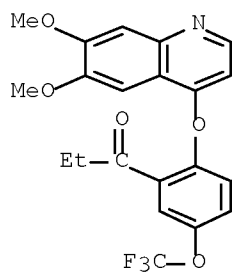


RN 666729-69-7 CAPLUS  
 CN 1-Propanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methoxyphenyl]- (CA INDEX NAME)



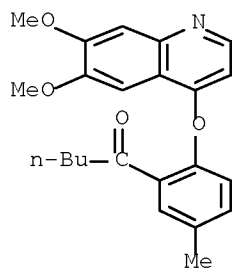
RN 666729-70-0 CAPLUS

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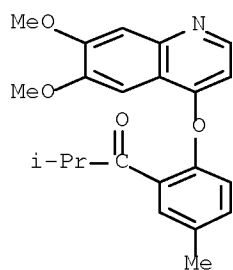
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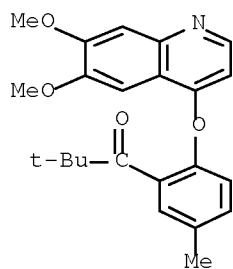
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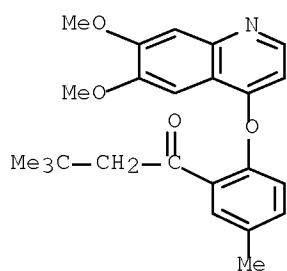
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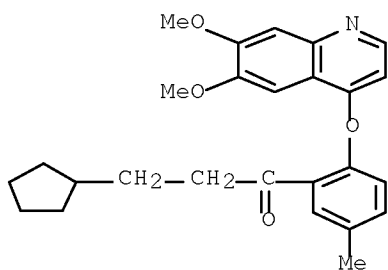
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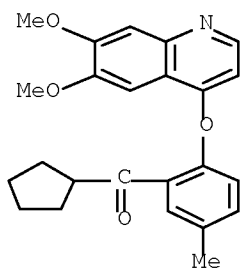
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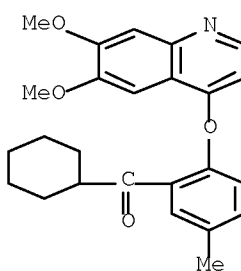
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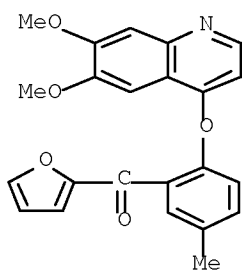
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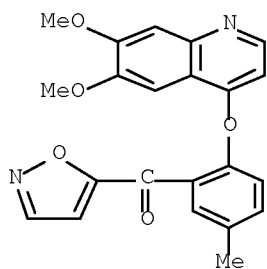
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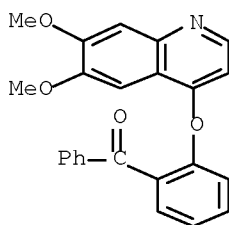
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CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]-5-isoxazolyl- (CA INDEX NAME)



RN 666729-81-3 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]phenyl-, hydrochloride (9CI) (CA INDEX NAME)

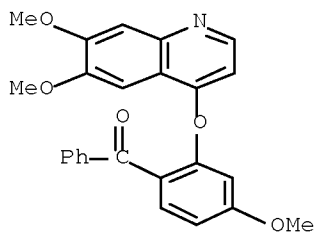


● HCl

RN 666729-82-4 CAPLUS

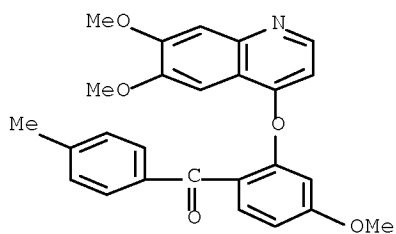
CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-methoxyphenyl]phenyl- (CA INDEX NAME)





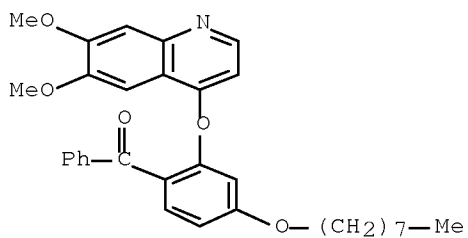
RN 666729-83-5 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-methoxyphenyl] (4-methylphenyl)- (CA INDEX NAME)



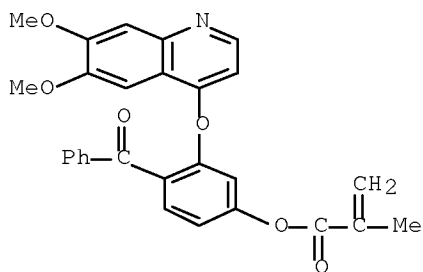
RN 666729-84-6 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-(octyloxy)phenyl]phenyl- (CA INDEX NAME)



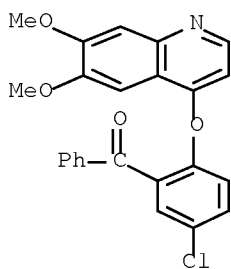
RN 666729-85-7 CAPLUS

CN 2-Propenoic acid, 2-methyl-, 4-benzoyl-3-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl ester (CA INDEX NAME)



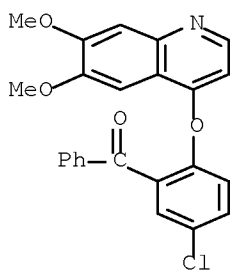
RN 666729-86-8 CAPLUS

CN Methanone, [5-chloro-2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]phenyl-  
(CA INDEX NAME)



RN 666729-87-9 CAPLUS

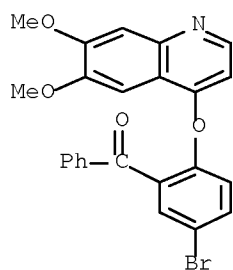
CN Methanone, [5-chloro-2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]phenyl-,  
hydrochloride (9CI) (CA INDEX NAME)



● HCl

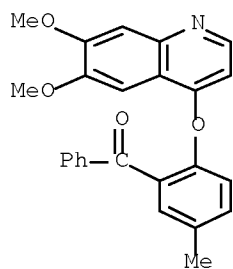
RN 666729-88-0 CAPLUS

CN Methanone, [5-bromo-2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]phenyl- (CA  
INDEX NAME)



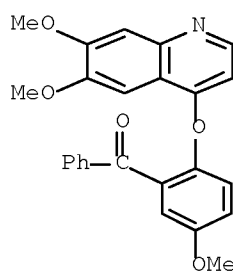
RN 666729-89-1 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]phenyl-  
(CA INDEX NAME)



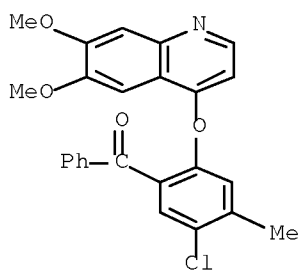
RN 666729-92-6 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methoxyphenyl]phenyl-  
(CA INDEX NAME)



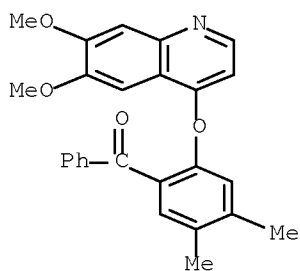
RN 666729-93-7 CAPLUS

CN Methanone, [5-chloro-2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-methylphenyl]phenyl-  
(CA INDEX NAME)



RN 666729-94-8 CAPLUS

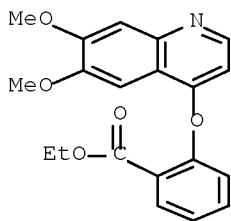
CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4,5-dimethylphenyl]phenyl-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

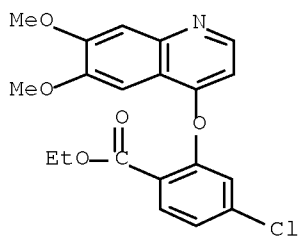
RN 666729-96-0 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, ethyl ester (CA INDEX NAME)



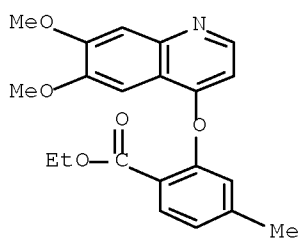
RN 666729-97-1 CAPLUS

CN Benzoic acid, 4-chloro-2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, ethyl ester (CA INDEX NAME)



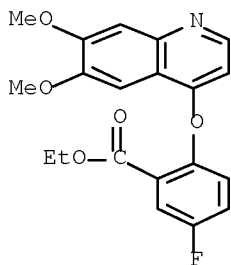
RN 666729-98-2 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-methyl-, ethyl ester  
(CA INDEX NAME)



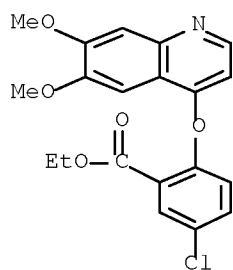
RN 666729-99-3 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-fluoro-, ethyl ester  
(CA INDEX NAME)



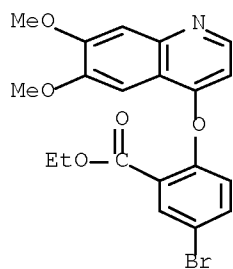
RN 666730-00-3 CAPLUS

CN Benzoic acid, 5-chloro-2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, ethyl ester  
(CA INDEX NAME)



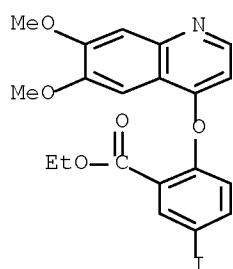
RN 666730-01-4 CAPLUS

CN Benzoic acid, 5-bromo-2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, ethyl ester  
(CA INDEX NAME)



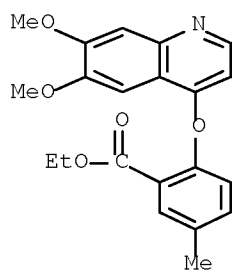
RN 666730-02-5 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-iodo-, ethyl ester  
(CA INDEX NAME)



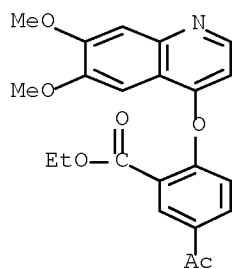
RN 666730-03-6 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methyl-, ethyl ester  
(CA INDEX NAME)



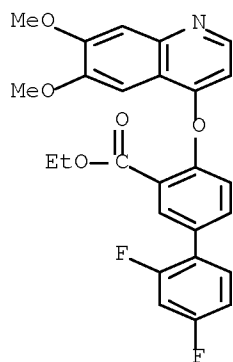
RN 666730-04-7 CAPLUS

CN Benzoic acid, 5-acetyl-2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, ethyl ester  
(CA INDEX NAME)



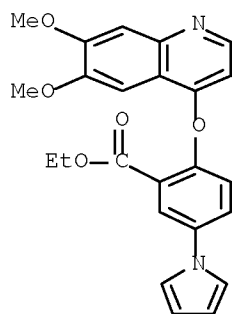
RN 666730-05-8 CAPLUS

CN [1,1'-Biphenyl]-3-carboxylic acid,  
4-[(6,7-dimethoxy-4-quinolinyl)oxy]-2',4'-difluoro-, ethyl ester (CA  
INDEX NAME)



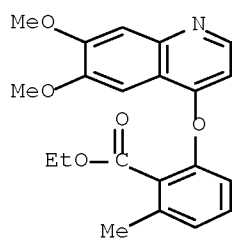
RN 666730-06-9 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-(1H-pyrrol-1-yl)-,  
ethyl ester (CA INDEX NAME)



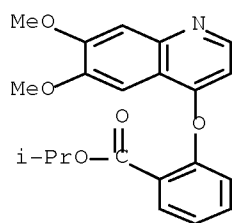
RN 666730-08-1 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-6-methyl-, ethyl ester  
(CA INDEX NAME)



RN 666730-09-2 CAPLUS

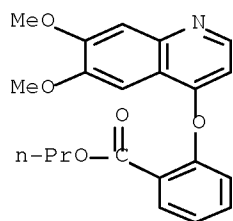
CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, 1-methylethyl ester  
(CA INDEX NAME)



RN 666730-10-5 CAPLUS

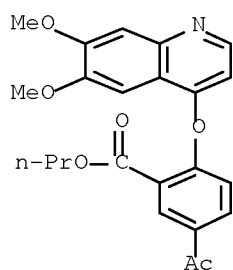
CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, propyl ester (CA  
INDEX NAME)





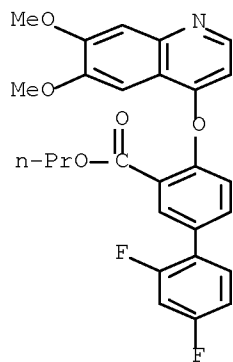
RN 666730-11-6 CAPLUS

CN Benzoic acid, 5-acetyl-2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, propyl ester  
(CA INDEX NAME)



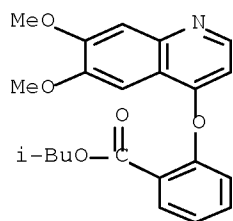
RN 666730-12-7 CAPLUS

CN [1,1'-Biphenyl]-3-carboxylic acid,  
4-[(6,7-dimethoxy-4-quinolinyl)oxy]-2',4'-difluoro-, propyl ester (CA  
INDEX NAME)



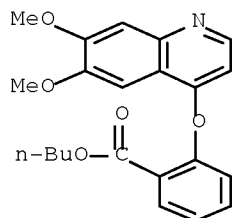
RN 666730-13-8 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, 2-methylpropyl ester  
(CA INDEX NAME)



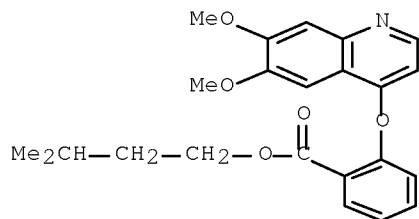
RN 666730-14-9 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, butyl ester (CA INDEX NAME)



RN 666730-15-0 CAPLUS

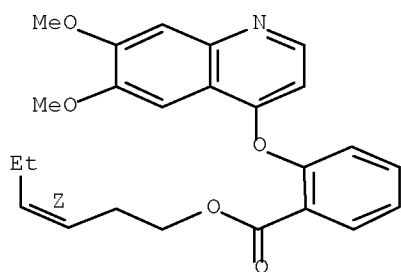
CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, 3-methylbutyl ester (CA INDEX NAME)



RN 666730-16-1 CAPLUS

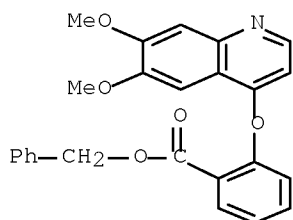
CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, (3Z)-3-hexen-1-yl ester (CA INDEX NAME)

Double bond geometry as shown.



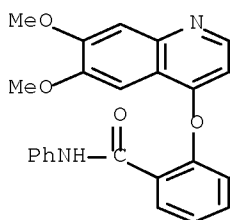
RN 666730-19-4 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, phenylmethyl ester  
(CA INDEX NAME)



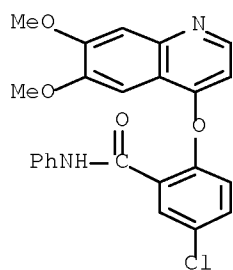
RN 666730-20-7 CAPLUS

CN Benzamide, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-N-phenyl- (CA INDEX NAME)



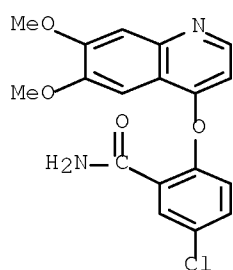
RN 666730-21-8 CAPLUS

CN Benzamide, 5-chloro-2-[(6,7-dimethoxy-4-quinolinyl)oxy]-N-phenyl- (CA INDEX NAME)



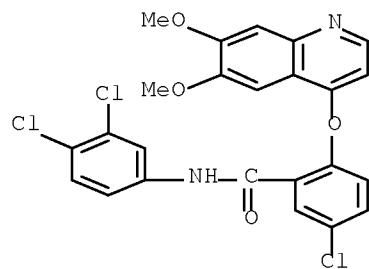
RN 666730-22-9 CAPLUS

CN Benzamide, 5-chloro-2-[(6,7-dimethoxy-4-quinolinyl)oxy]- (CA INDEX NAME)



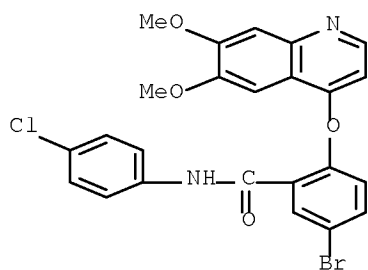
RN 666730-23-0 CAPLUS

CN Benzamide, 5-chloro-N-(3,4-dichlorophenyl)-2-[(6,7-dimethoxy-4-quinolinyl)oxy]- (CA INDEX NAME)



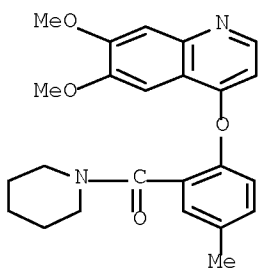
RN 666730-24-1 CAPLUS

CN Benzamide, 5-bromo-N-(4-chlorophenyl)-2-[(6,7-dimethoxy-4-quinolinyl)oxy]- (CA INDEX NAME)



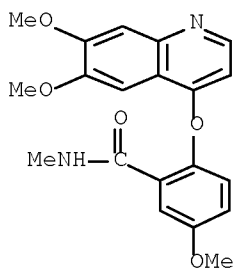
RN 666730-25-2 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]-1-piperidinyloxycarbonyl- (CA INDEX NAME)



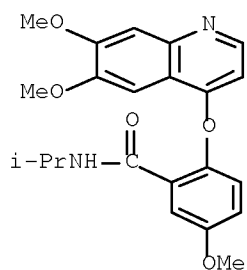
RN 666730-26-3 CAPLUS

CN Benzamide, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methoxy-N-methyl- (CA INDEX NAME)



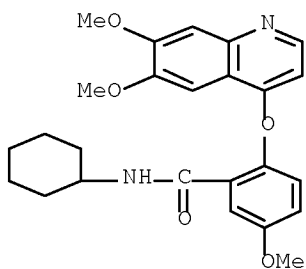
RN 666730-27-4 CAPLUS

CN Benzamide, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methoxy-N-(1-methylethyl)- (CA INDEX NAME)



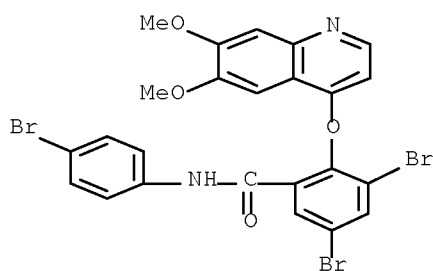
RN 666730-28-5 CAPLUS

CN Benzamide, N-cyclohexyl-2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methoxy-  
(CA INDEX NAME)



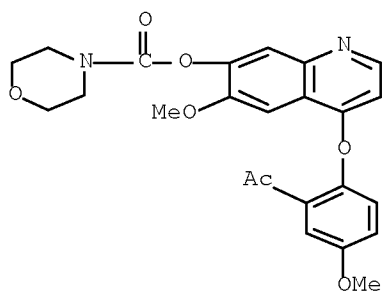
RN 666730-29-6 CAPLUS

CN Benzamide, 3,5-dibromo-N-(4-bromophenyl)-2-[(6,7-dimethoxy-4-quinolinyl)oxy]-  
(CA INDEX NAME)



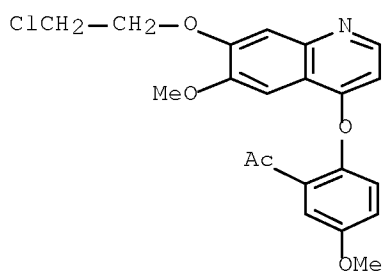
RN 666730-34-3 CAPLUS

CN 4-Morpholinecarboxylic acid, 4-(2-acetyl-4-methoxyphenoxy)-6-methoxy-7-quinolinyl ester  
(CA INDEX NAME)



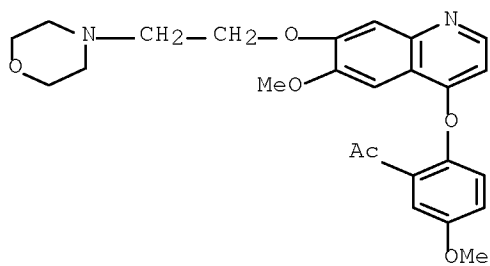
RN 666730-35-4 CAPLUS

CN Ethanone, 1-[2-[[7-(2-chloroethoxy)-6-methoxy-4-quinolinyl]oxy]-5-methoxyphenyl]- (CA INDEX NAME)



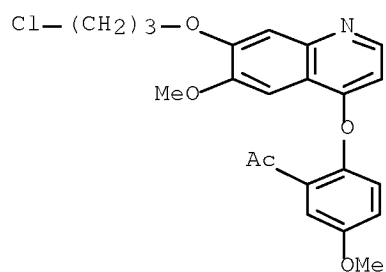
RN 666730-36-5 CAPLUS

CN Ethanone, 1-[5-methoxy-2-[[6-methoxy-7-[2-(4-morpholinyl)ethoxy]-4-quinolinyl]oxy]phenyl]- (CA INDEX NAME)



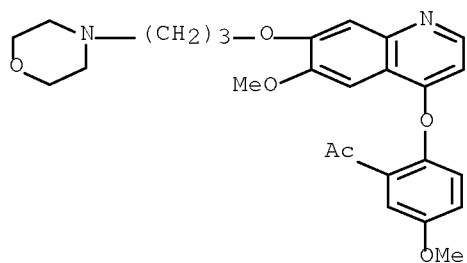
RN 666730-37-6 CAPLUS

CN Ethanone, 1-[2-[[7-(3-chloropropoxy)-6-methoxy-4-quinolinyl]oxy]-5-methoxyphenyl]- (CA INDEX NAME)



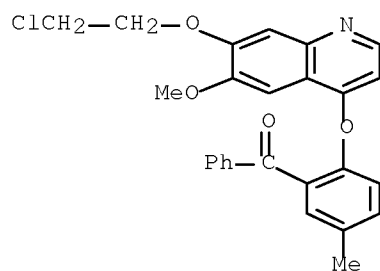
RN 666730-38-7 CAPLUS

CN Ethanone, 1-[5-methoxy-2-[[6-methoxy-7-[3-(4-morpholinyl)propoxy]-4-quinolinyl]oxy]phenyl]- (CA INDEX NAME)



RN 666730-39-8 CAPLUS

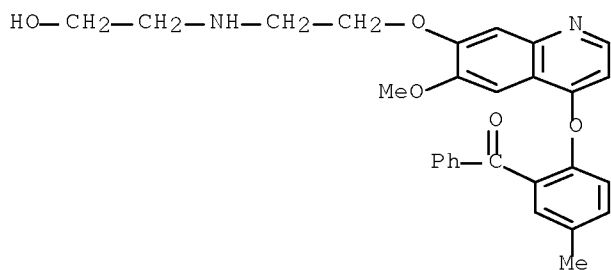
CN Methanone, [2-[[7-(2-chloroethoxy)-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



RN 666730-40-1 CAPLUS

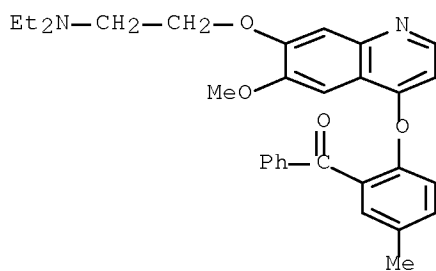
CN Methanone, [2-[[7-[(2-hydroxyethyl)amino]ethoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)





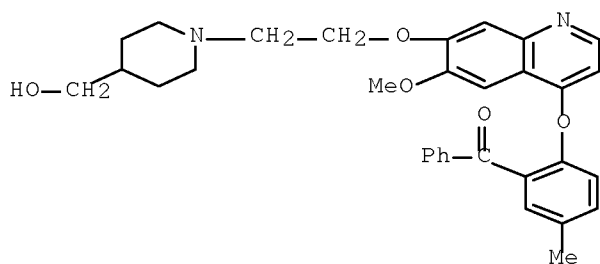
RN 666730-41-2 CAPLUS

CN Methanone, [2-[[7-[2-(diethylamino)ethoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



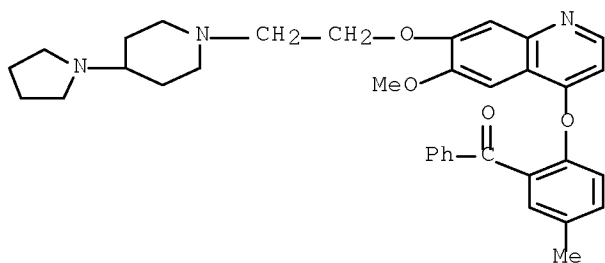
RN 666730-42-3 CAPLUS

CN Methanone, [2-[[7-[2-[4-(hydroxymethyl)-1-piperidinyl]ethoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



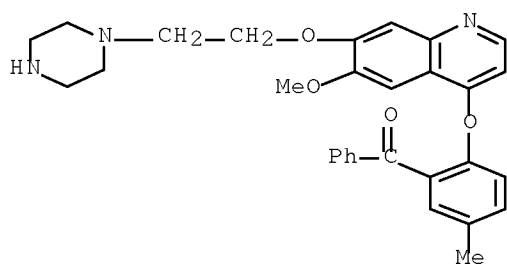
RN 666730-43-4 CAPLUS

CN Methanone, [2-[[6-methoxy-7-[2-[4-(1-pyrrolidinyl)-1-piperidinyl]ethoxy]-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



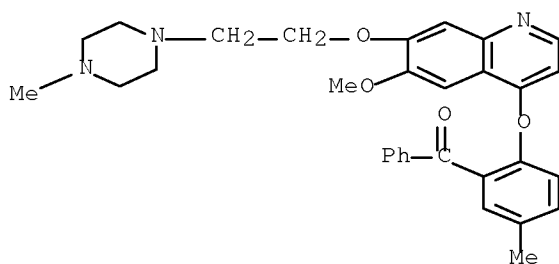
RN 666730-44-5 CAPLUS

CN Methanone, [2-[[6-methoxy-7-[2-(1-piperazinyl)ethoxy]-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



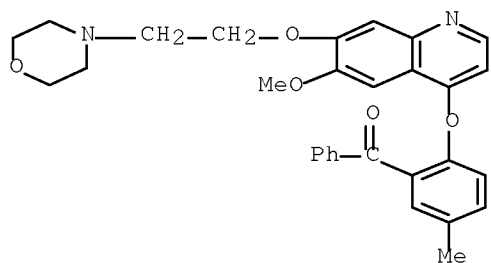
RN 666730-45-6 CAPLUS

CN Methanone, [2-[[6-methoxy-7-[2-(4-methyl-1-piperazinyl)ethoxy]-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



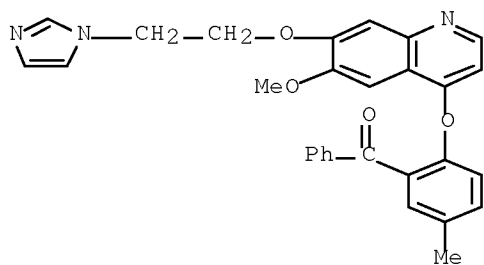
RN 666730-46-7 CAPLUS

CN Methanone, [2-[[6-methoxy-7-[2-(4-morpholinyl)ethoxy]-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



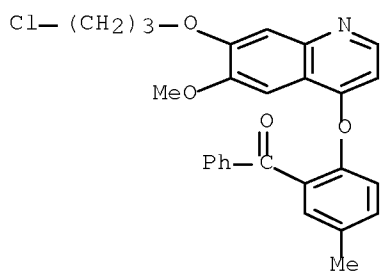
RN 666730-47-8 CAPLUS

CN Methanone, [2-[[7-[2-(1H-imidazol-1-yl)ethoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



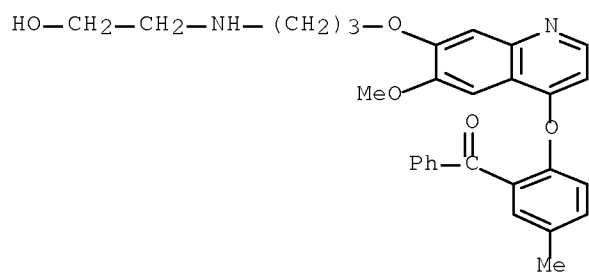
RN 666730-48-9 CAPLUS

CN Methanone, [2-[[7-(3-chloropropoxy)-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



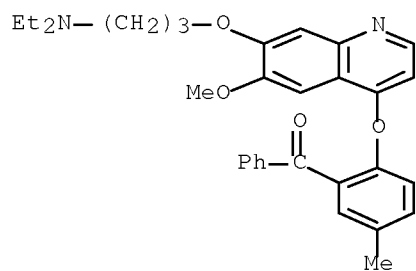
RN 666730-49-0 CAPLUS

CN Methanone, [2-[[7-[3-[(2-hydroxyethyl)amino]propoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



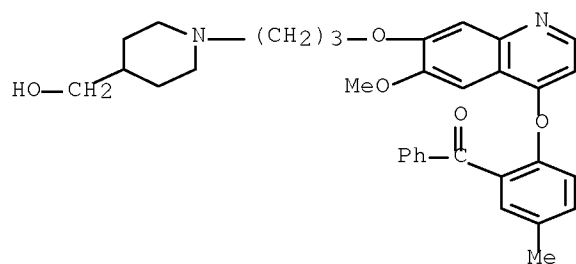
RN 666730-50-3 CAPLUS

CN Methanone, [2-[[7-[3-(diethylamino)propoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



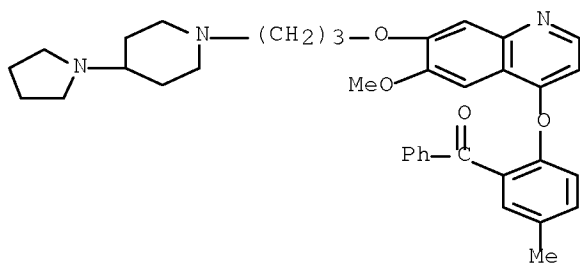
RN 666730-51-4 CAPLUS

CN Methanone, [2-[[7-[3-[4-(hydroxymethyl)-1-piperidinyl]propoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



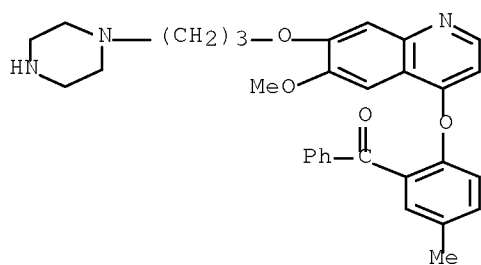
RN 666730-52-5 CAPLUS

CN Methanone, [2-[[6-methoxy-7-[3-[4-(1-pyrrolidinyl)-1-piperidinyl]propoxy]-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



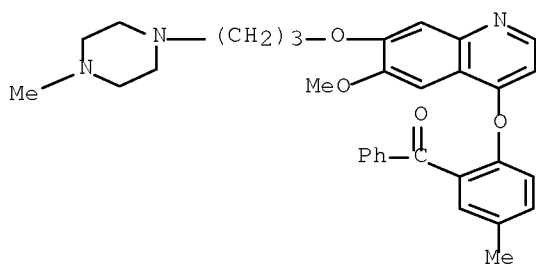
RN 666730-53-6 CAPLUS

CN Methanone, [2-[[6-methoxy-7-[3-(1-piperazinyl)propoxy]-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



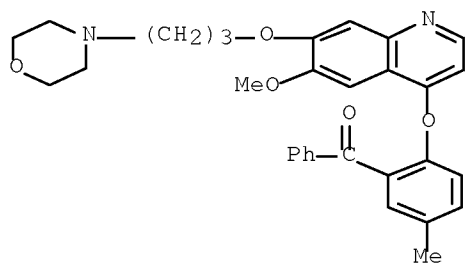
RN 666730-54-7 CAPLUS

CN Methanone, [2-[[6-methoxy-7-[3-(4-methyl-1-piperazinyl)propoxy]-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



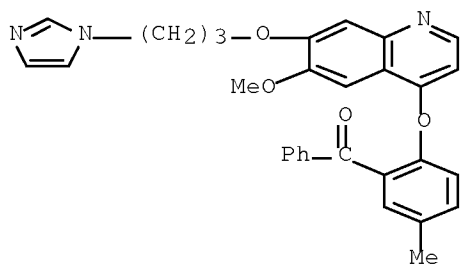
RN 666730-55-8 CAPLUS

CN Methanone, [2-[[6-methoxy-7-[3-(4-morpholinyl)propoxy]-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



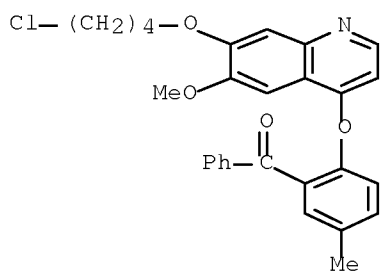
RN 666730-56-9 CAPLUS

CN Methanone, [2-[[7-[3-(1H-imidazol-1-yl)propoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



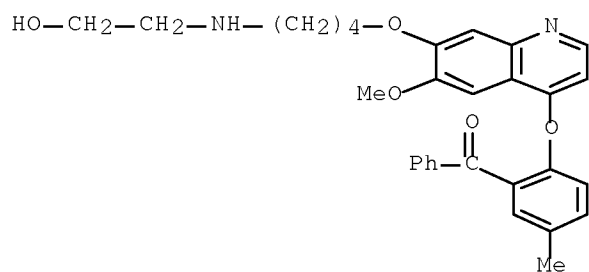
RN 666730-57-0 CAPLUS

CN Methanone, [2-[[7-(4-chlorobutoxy)-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



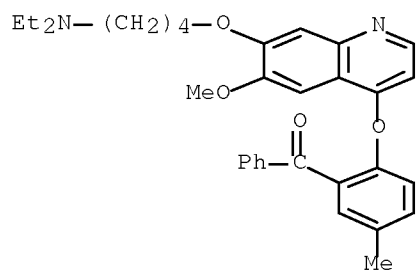
RN 666730-58-1 CAPLUS

CN Methanone, [2-[[7-[4-[(2-hydroxyethyl)amino]butoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



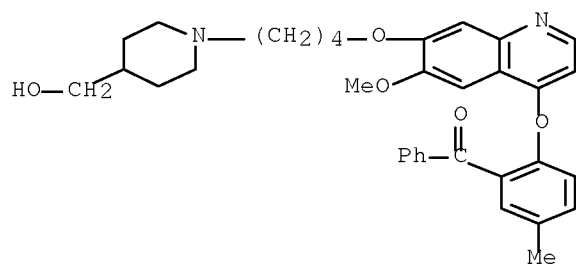
RN 666730-59-2 CAPLUS

CN Methanone, [2-[[7-[4-(diethylamino)butoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



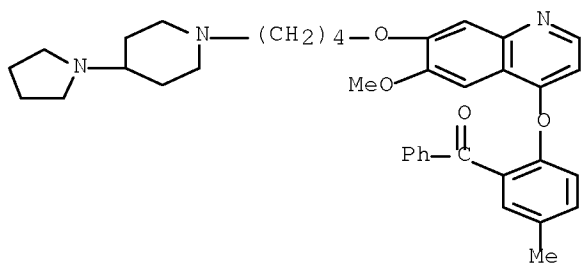
RN 666730-60-5 CAPLUS

CN Methanone, [2-[[7-[4-[4-(hydroxymethyl)-1-piperidinyl]butoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



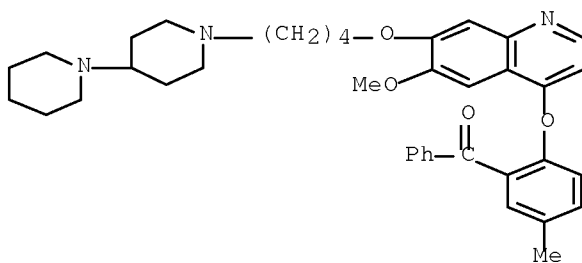
RN 666730-61-6 CAPLUS

CN Methanone, [2-[[6-methoxy-7-[4-[4-(1-pyrrolidinyl)-1-piperidinyl]butoxy]-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



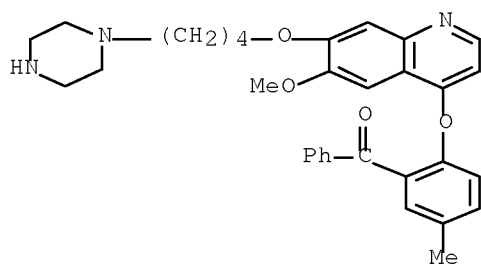
RN 666730-62-7 CAPLUS

CN Methanone, [2-[[7-(4-[1,4'-bipiperidin]-1'-yl)butoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



RN 666730-63-8 CAPLUS

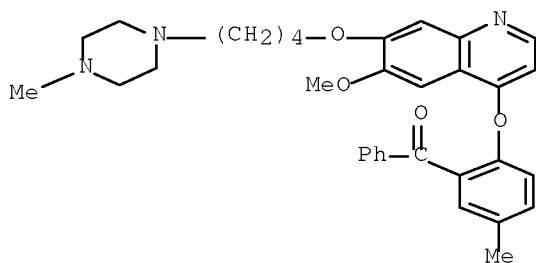
CN Methanone, [2-[[6-methoxy-7-[4-(1-piperazinyl)butoxy]-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



RN 666730-64-9 CAPLUS

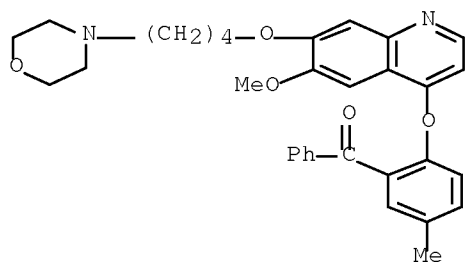
CN Methanone, [2-[[6-methoxy-7-[4-(4-methyl-1-piperazinyl)butoxy]-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)





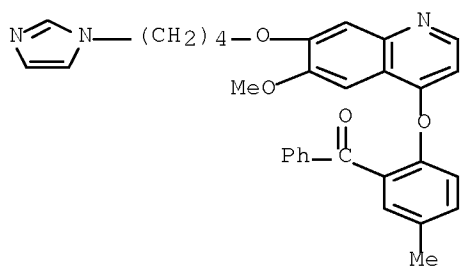
RN 666730-65-0 CAPLUS

CN Methanone, [2-[[6-methoxy-7-[4-(4-morpholinyl)butoxy]-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



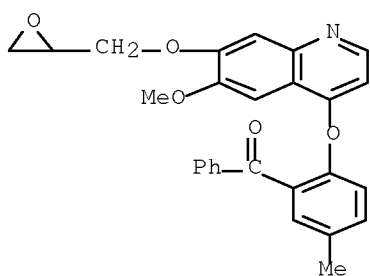
RN 666730-66-1 CAPLUS

CN Methanone, [2-[[7-[4-(1H-imidazol-1-yl)butoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



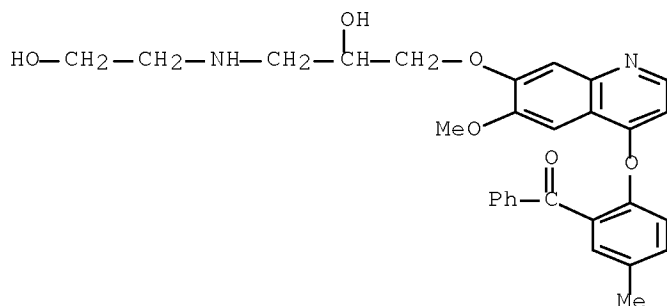
RN 666730-67-2 CAPLUS

CN Methanone, [2-[[6-methoxy-7-(oxiranylmethoxy)-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (9CI) (CA INDEX NAME)



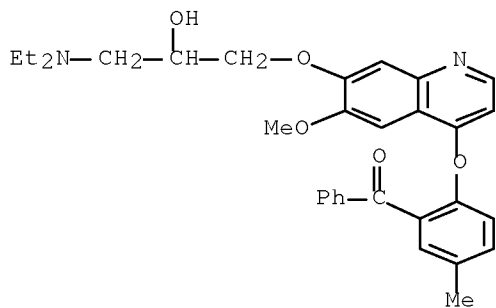
RN 666730-68-3 CAPLUS

CN Methanone, [2-[[7-[2-hydroxy-3-[(2-hydroxyethyl)amino]propoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



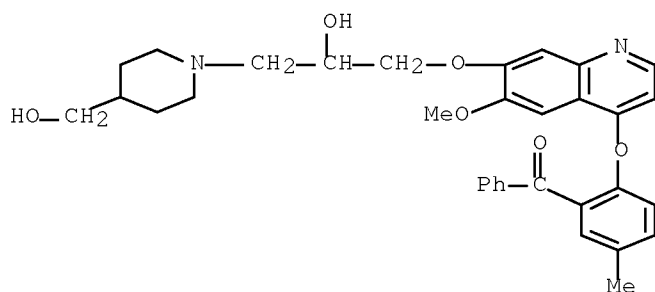
RN 666730-69-4 CAPLUS

CN Methanone, [2-[[7-[3-(diethylamino)-2-hydroxypropoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



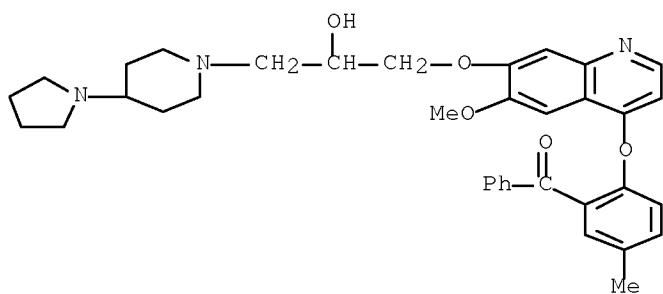
RN 666730-70-7 CAPLUS

CN Methanone, [2-[[7-[2-hydroxy-3-[4-(hydroxymethyl)-1-piperidinyl]propoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



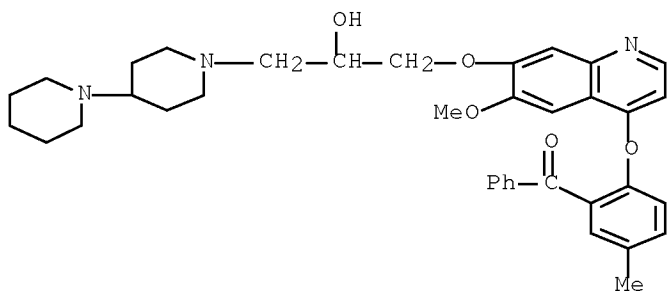
RN 666730-71-8 CAPLUS

CN Methanone, [2-[[7-[2-hydroxy-3-[4-(1-pyrrolidinyl)-1-piperidinyl]propoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



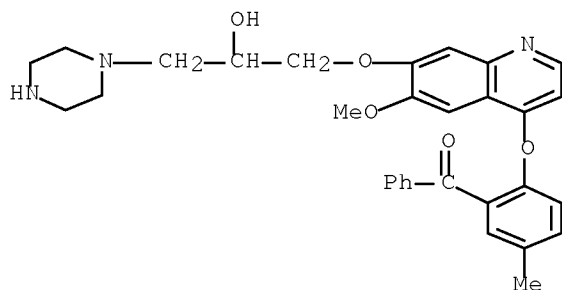
RN 666730-72-9 CAPLUS

CN Methanone, [2-[[7-(3-[1,4'-bipiperidin]-1'-yl-2-hydroxypropoxy)-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



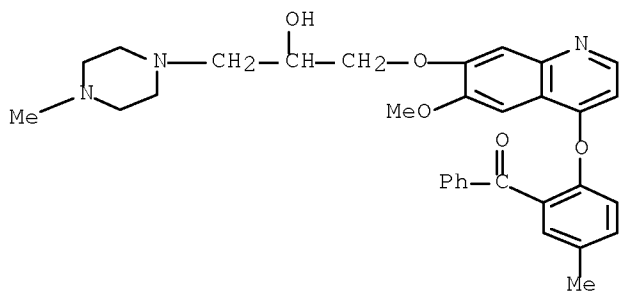
RN 666730-73-0 CAPLUS

CN Methanone, [2-[[7-[2-hydroxy-3-(1-piperazinyl)propoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



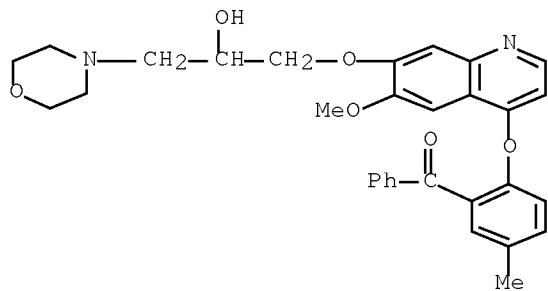
RN 666730-74-1 CAPLUS

CN Methanone, [2-[[7-[2-hydroxy-3-(4-methyl-1-piperazinyl)propoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



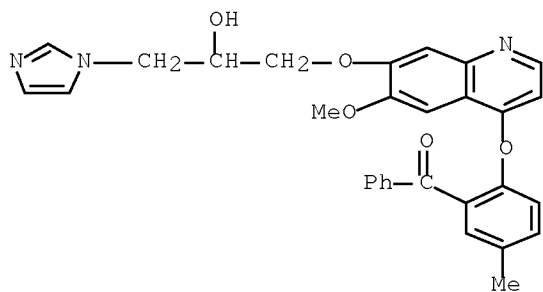
RN 666730-75-2 CAPLUS

CN Methanone, [2-[[7-[2-hydroxy-3-(4-morpholinyl)propoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



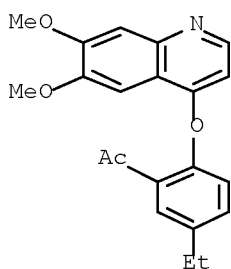
RN 666730-76-3 CAPLUS

CN Methanone, [2-[[7-[2-hydroxy-3-(1H-imidazol-1-yl)propoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



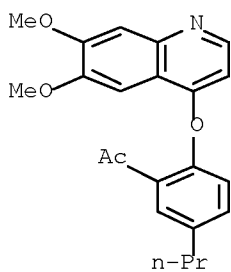
RN 666730-88-7 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-ethylphenyl]- (CA INDEX NAME)



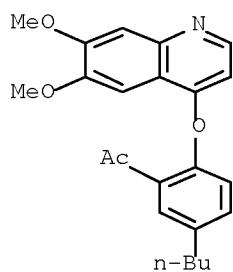
RN 666730-89-8 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-propylphenyl]- (CA INDEX NAME)



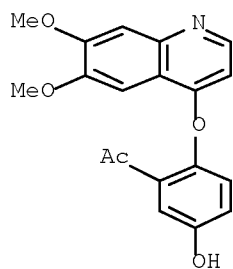
RN 666730-90-1 CAPLUS

CN Ethanone, 1-[5-butyl-2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]- (CA INDEX NAME)



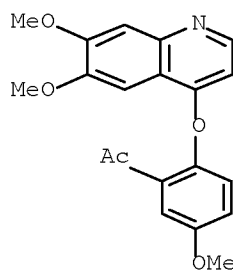
RN 666730-92-3 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-hydroxyphenyl]- (CA INDEX NAME)



RN 666730-93-4 CAPLUS

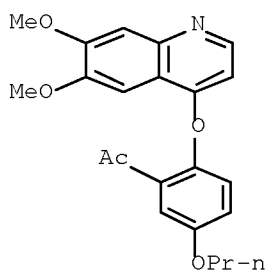
CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methoxyphenyl]-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

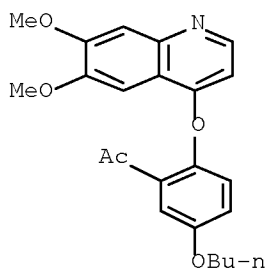
RN 666730-95-6 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-propoxyphenyl]- (CA INDEX NAME)



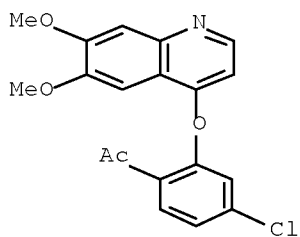
RN 666730-96-7 CAPLUS

CN Ethanone, 1-[5-butoxy-2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]- (CA INDEX NAME)



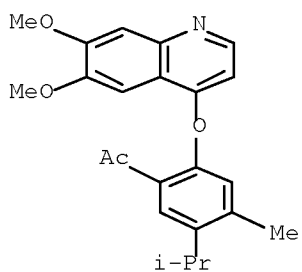
RN 666730-97-8 CAPLUS

CN Ethanone, 1-[4-chloro-2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]- (CA INDEX NAME)



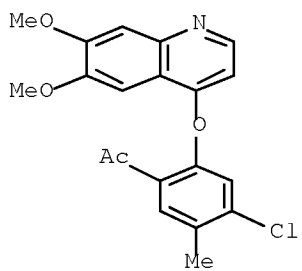
RN 666730-99-0 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-methyl-5-(1-methylethyl)phenyl]- (CA INDEX NAME)



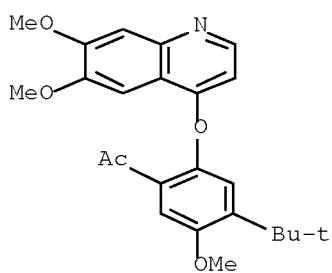
RN 666731-00-6 CAPLUS

CN Ethanone, 1-[4-chloro-2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]-  
(CA INDEX NAME)



RN 666731-01-7 CAPLUS

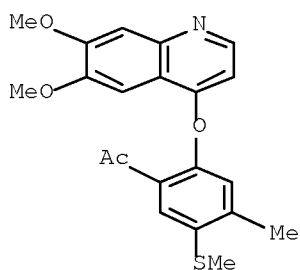
CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-(1,1-dimethylethyl)-5-methoxyphenyl]-  
(CA INDEX NAME)



RN 666731-02-8 CAPLUS

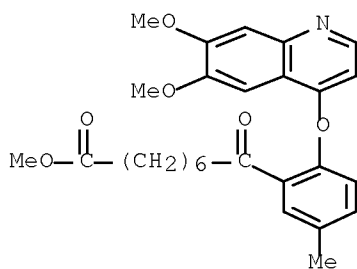
CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-methyl-5-(methylthio)phenyl]-  
(CA INDEX NAME)





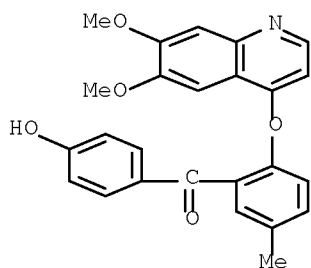
RN 666731-03-9 CAPLUS

CN Benzeneoctanoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methyl-η-oxo-, methyl ester (CA INDEX NAME)



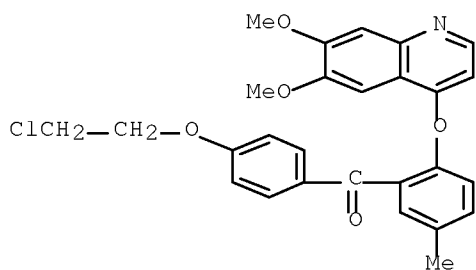
RN 666731-04-0 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl](4-hydroxyphenyl)- (CA INDEX NAME)



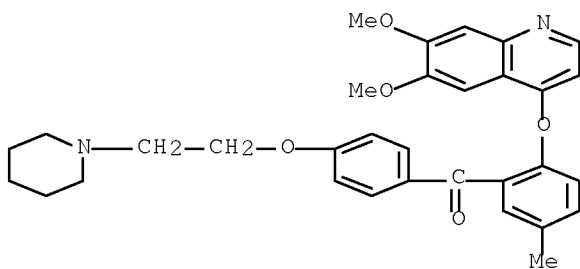
RN 666731-05-1 CAPLUS

CN Methanone, [4-(2-chloroethoxy)phenyl][2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]- (CA INDEX NAME)



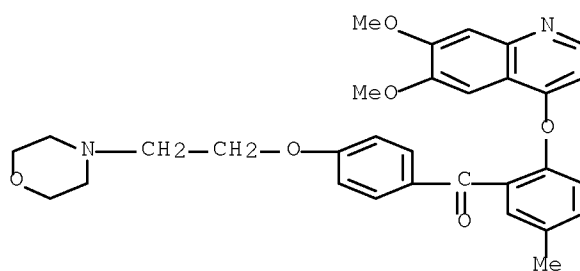
RN 666731-06-2 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl][4-[2-(1-piperidinyl)ethoxy]phenyl]- (CA INDEX NAME)



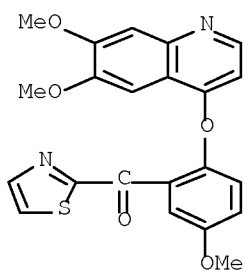
RN 666731-07-3 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl][4-[2-(4-morpholinyl)ethoxy]phenyl]- (CA INDEX NAME)



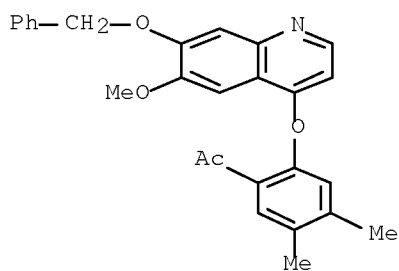
RN 666731-08-4 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methoxyphenyl]-2-thiazolyl- (CA INDEX NAME)



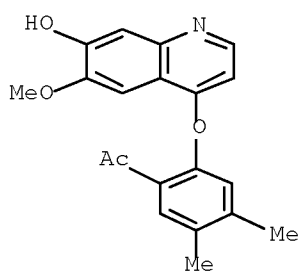
RN 666732-43-0 CAPLUS

CN Ethanone, 1-[2-[[6-methoxy-7-(phenylmethoxy)-4-quinolinyl]oxy]-4,5-dimethylphenyl]- (CA INDEX NAME)



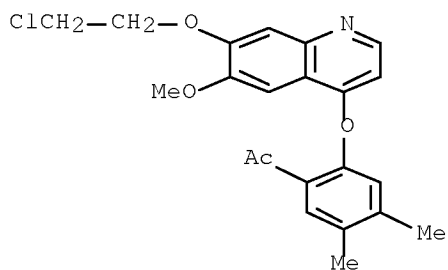
RN 666732-45-2 CAPLUS

CN Ethanone, 1-[2-[[7-hydroxy-6-methoxy-4-quinolinyl]oxy]-4,5-dimethylphenyl]- (CA INDEX NAME)



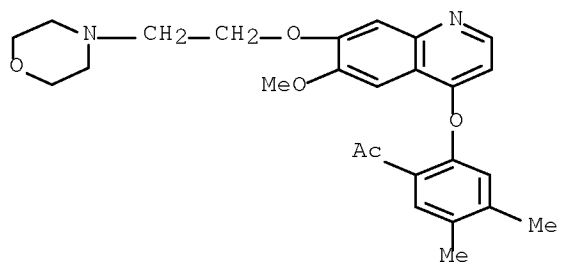
RN 666732-47-4 CAPLUS

CN Ethanone, 1-[2-[[7-(2-chloroethoxy)-6-methoxy-4-quinolinyl]oxy]-4,5-dimethylphenyl]- (CA INDEX NAME)



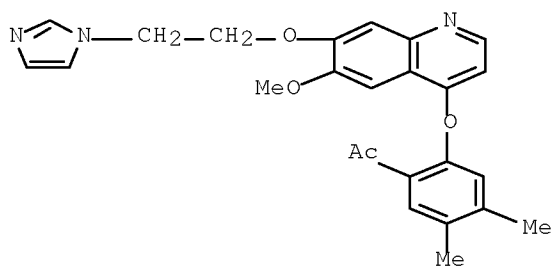
RN 666732-49-6 CAPLUS

CN Ethanone, 1-[2-[[6-methoxy-7-[2-(4-morpholinyl)ethoxy]-4-quinolinyl]oxy]-4,5-dimethylphenyl]- (CA INDEX NAME)



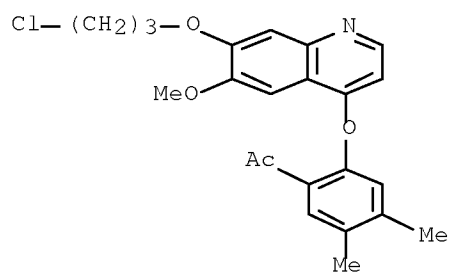
RN 666732-51-0 CAPLUS

CN Ethanone, 1-[2-[[7-[2-(1H-imidazol-1-yl)ethoxy]-6-methoxy-4-quinolinyl]oxy]-4,5-dimethylphenyl]- (CA INDEX NAME)



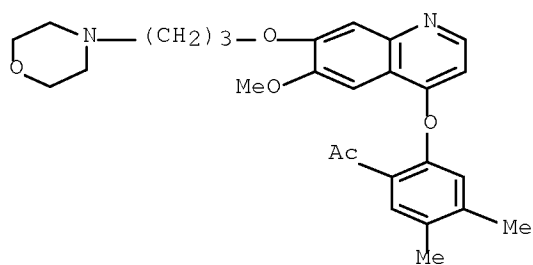
RN 666732-53-2 CAPLUS

CN Ethanone, 1-[2-[[7-(3-chloropropoxy)-6-methoxy-4-quinolinyl]oxy]-4,5-dimethylphenyl]- (CA INDEX NAME)



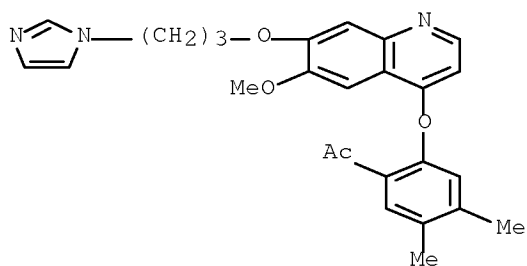
RN 666732-54-3 CAPLUS

CN Ethanone, 1-[2-[[6-methoxy-7-[3-(4-morpholinyl)propoxy]-4-quinolinyl]oxy]-4,5-dimethylphenyl]- (CA INDEX NAME)



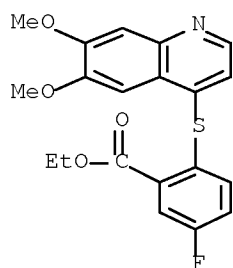
RN 666732-58-7 CAPLUS

CN Ethanone, 1-[2-[[7-[3-(1H-imidazol-1-yl)propoxy]-6-methoxy-4-quinolinyl]oxy]-4,5-dimethylphenyl]- (CA INDEX NAME)



RN 666733-86-4 CAPLUS

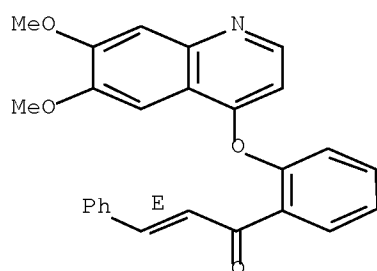
CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)thio]-5-fluoro-, ethyl ester (CA INDEX NAME)



RN 863785-49-3 CAPLUS

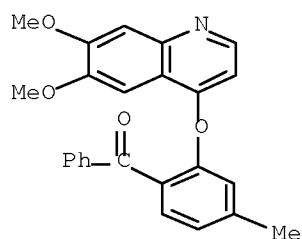
CN 2-Propen-1-one, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]-3-phenyl-,  
(2E)- (CA INDEX NAME)

Double bond geometry as shown.



RN 863785-50-6 CAPLUS

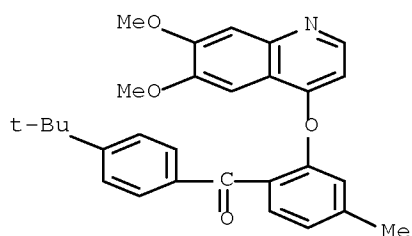
CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-methylphenyl]phenyl-,  
hydrochloride (9CI) (CA INDEX NAME)



● HCl

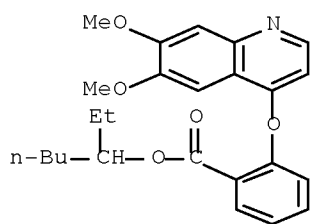
RN 863785-51-7 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-methylphenyl][4-(1,1-  
dimethylethyl)phenyl]- (CA INDEX NAME)



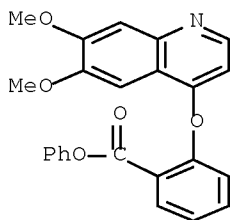
RN 863785-52-8 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, 1-ethylpentyl ester  
(CA INDEX NAME)



RN 863785-53-9 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, phenyl ester (CA  
INDEX NAME)



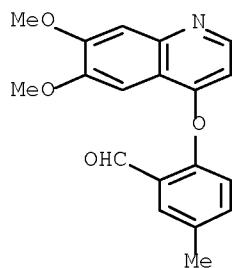
IT 666734-37-8P, 2-[(6,7-Dimethoxy-4-quinolyl)oxy]-5-methylbenzaldehyde 666734-39-0P,  
1-[2-(7-Benzyloxy-6-methoxyquinolin-4-yloxy)-5-methoxyphenyl]ethanone  
863786-16-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)

(preparation of pyridines and related compds. as TGF- $\beta$  inhibitors for  
treatment of arthritis, ulcer, etc.)

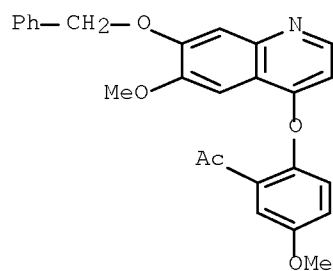
RN 666734-37-8 CAPLUS

CN Benzaldehyde, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methyl- (CA INDEX  
NAME)



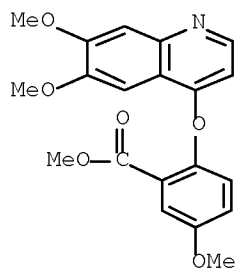
RN 666734-39-0 CAPLUS

CN Ethanone, 1-[5-methoxy-2-[[6-methoxy-7-(phenylmethoxy)-4-quinolinyl]oxy]phenyl]- (CA INDEX NAME)



RN 863786-16-7 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methoxy-, methyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

REFERENCE COUNT: 54 THERE ARE 54 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:606545 CAPLUS Full-text

DOCUMENT NUMBER: 141:136651

TITLE: Novel use of compound having TGFβ-inhibitory



activity  
 INVENTOR(S): Miyazono, Kohei; Watabe, Tetsuro; Ohashi, Hiroshi  
 PATENT ASSIGNEE(S): Kirin Beer Kabushiki Kaisha, Japan; Center for  
 Advanced Science and Technology Incubation, Ltd.  
 SOURCE: PCT Int. Appl., 118 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004063365	A1	20040729	WO 2004-JP193	20040114
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ				
JP 2006217801	A	20060824	JP 2003-7547	20030115
PRIORITY APPLN. INFO.:			JP 2003-7547	A 20030115

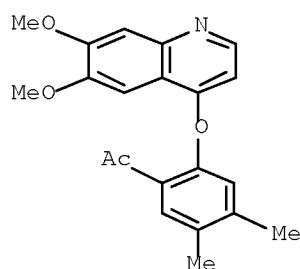
OTHER SOURCE(S): MARPAT 141:136651

AB A method for effectively producing vascular endothelial progenitor cells or vascular endothelial cells is provided, which comprises culturing cells or a cell fraction in a medium containing a compound having an activity of inhibiting TGF $\beta$ . Also provided is a method for treating an ischemic disease and a disease accompanied by enhanced vasopermeability, which comprises administering a compound having an activity of inhibiting TGF $\beta$  to a subject.

IT 666729-57-3P 666732-51-0P  
 RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (novel use of compound having TGF $\beta$ -inhibitory activity)

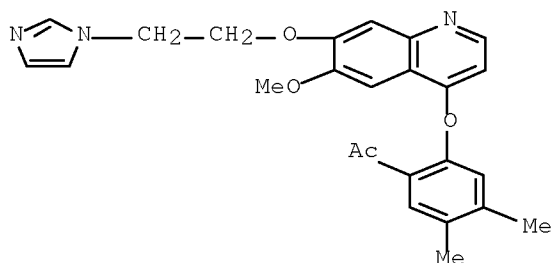
RN 666729-57-3 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4,5-dimethylphenyl]- (CA INDEX NAME)



RN 666732-51-0 CAPLUS

CN Ethanone, 1-[2-[[7-[2-(1H-imidazol-1-yl)ethoxy]-6-methoxy-4-quinolinyl]oxy]-4,5-dimethylphenyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD  
(1 CITINGS)  
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:513539 CAPLUS Full-text

DOCUMENT NUMBER: 141:71457

TITLE: A preparation of 2-aminocarbonylquinoline derivatives,  
useful as platelet adenosine diphosphate receptor  
antagonists

INVENTOR(S): Bryant, Judi; Buckman, Brad; Islam, Imadul; Mohan,  
Raju; Morrissey, Michael; Wei, Guo Ping; Xu, Wei;  
Yuan, Shendong

PATENT ASSIGNEE(S): Schering Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 86 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004052366	A1	20040624	WO 2003-US39079	20031209
WO 2004052366	A9	20050623		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2507657	A1	20040624	CA 2003-2507657	20031209
AU 2003297763	A1	20040630	AU 2003-297763	20031209
US 20040138229	A1	20040715	US 2003-731815	20031209
US 7056923	B2	20060606		
EP 1578423	A1	20050928	EP 2003-796831	20031209
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
BR 2003017222	A	20051101	BR 2003-17222	20031209
CN 1747732	A	20060315	CN 2003-80109663	20031209
JP 2006511519	T	20060406	JP 2004-558607	20031209

NZ 540872	A	20070831	NZ 2003-540872	20031209
IN 2005DN02373	A	20070105	IN 2005-DN2373	20050603
MX 2005006302	A	20050829	MX 2005-6302	20050610
NO 2005003335	A	20050907	NO 2005-3335	20050708
US 20060122188	A1	20060608	US 2006-331621	20060112
US 7084142	B2	20060801		
ZA 2005005492	A	20060329	ZA 2005-5492	20060117
IN 2008DN06421	A	20081024	IN 2008-DN6421	20080722
PRIORITY APPLN. INFO.:			US 2002-432792P	P 20021211
			US 2003-731815	A1 20031209
			WO 2003-US39079	W 20031209
			IN 2005-DN2375	A3 20050603
OTHER SOURCE(S):			MARPAT 141:71457	
GI				

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

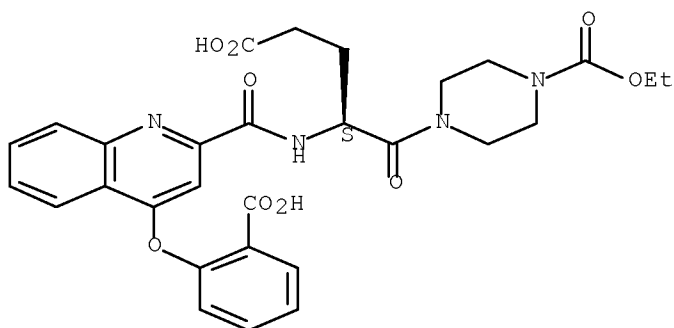
AB The invention relates to 2-aminocarbonylquinoline derivs. of formula I [wherein: R1 is H, alkyl, carboxyalkyl, aryl, arylalkyl, or heterocyclylcarbonyl, etc.; R2 is H, alkyl, aryl, alkylsulfonylalkyl, aminoalkyl, or carboxyalkylthioalkyl, etc.; R3 is (un)substituted aryl or aryloxy; R4 is H, alkyl, alkoxy, halo, haloalkyl, OH, CN, or alkylthio, etc.; R5 is H, alkyl, hydroxyalkyl, carboxy, or arylalkyl, etc.; R6 is H, alkyl, or carboxyalkyl, etc.], useful as inhibitors of platelet ADP. Receptor binding and ADP-induced aggregation studies were performed (no biol. data). Inhibition of thrombus formation by the invention compds. was evaluated in the rat arterio-venous shunt model (no biol. data). For instance, quinoline derivative II (X = n-Pr) was prepared via amidation of 2-carboxy-4-benzyloxyquinoline by the prepared amine III and subsequent benzyloxycarbonyl cleavage of the obtained II [X = (CH<sub>2</sub>)<sub>3</sub>C(O)OBn].

IT 710335-64-1P  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of aminocarbonylquinoline derivs., useful as platelet ADP receptor antagonists)

RN 710335-64-1 CAPLUS

CN 1-Piperazinepentanoic acid, γ-[[[4-(2-carboxyphenoxy)-2-quinolinyl]carbonyl]amino]-4-(ethoxycarbonyl)-δ-oxo-, (γS)- (CA INDEX NAME)

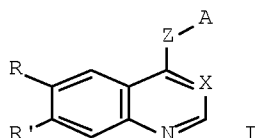
Absolute stereochemistry.



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD  
(3 CITINGS)  
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN  
ACCESSION NUMBER: 2004:182845 CAPLUS Full-text  
DOCUMENT NUMBER: 140:217519  
TITLE: Preparation of quinoline derivatives as TGF $\beta$   
inhibitors  
INVENTOR(S): Shimizu, Kiyoshi; Shimizu, Toshiyuki; Kimura, Kaname;  
Kawakami, Kazuki; Nakoji, Masayoshi  
PATENT ASSIGNEE(S): Kirin Beer Kabushiki Kaisha, Japan  
SOURCE: PCT Int. Appl., 628 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004018430	A1	20040304	WO 2003-JP10647	20030822
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003257666	A1	20040311	AU 2003-257666	20030822
EP 1548008	A1	20050629	EP 2003-792805	20030822
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
CN 1688549	A	20051026	CN 2003-824397	20030822
US 20060111375	A1	20060525	US 2005-525087	20050223
US 7560558	B2	20090714		
PRIORITY APPLN. INFO.:			JP 2002-244028	A 20020823
			WO 2003-JP10647	W 20030822
OTHER SOURCE(S):		MARPAT 140:217519		
GI				



AB The title compds. I [wherein X = CH or N; Z = O, NH, S, or CO; R and R' = independently H, halo, (un)substituted alkyl, alkenyl, NH<sub>2</sub>, CONH<sub>2</sub>, OH, or heterocyclyl; A = (un)substituted Ph or (hetero)cyclyl] or pharmaceutically acceptable salts, or solvates thereof are prepared as transforming growth factor (TGF)  $\beta$  inhibitors. For example, 4-chloro-6,7-dimethoxyquinoline was reacted with 2-benzylphenol in 1,2-dichlorobenzene to give 4-(2-benzylphenoxy)-6,7-dimethoxyquinoline (10%). Some of compds. I inhibited 100% of human TGF $\beta$  at 10  $\mu$ M.

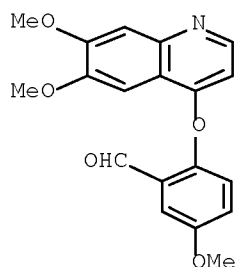
IT 666729-45-9P 666729-55-1P 666729-57-3P  
 666730-07-0P 666730-35-4P 666730-37-6P  
 666730-39-8P 666730-48-9P 666730-58-1P  
 666730-67-2P 666730-91-2P 666730-92-3P  
 666731-04-0P 666731-05-1P 666732-41-8P  
 666732-43-0P 666732-45-2P 666732-47-4P  
 666732-53-2P 666732-54-3P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(drug candidate; preparation of quinoline derivs. as TGF $\beta$  inhibitors)

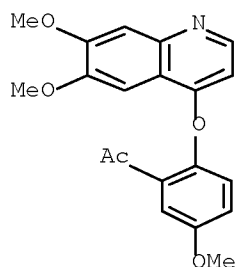
RN 666729-45-9 CAPLUS

CN Benzaldehyde, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methoxy- (CA INDEX NAME)



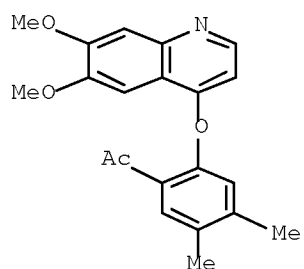
RN 666729-55-1 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methoxyphenyl]- (CA INDEX NAME)



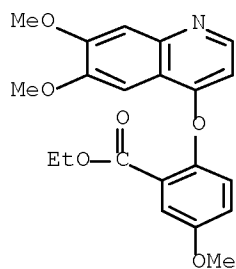
RN 666729-57-3 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4,5-dimethylphenyl]- (CA INDEX NAME)



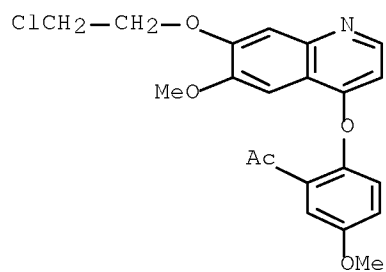
RN 666730-07-0 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methoxy-, ethyl ester  
(CA INDEX NAME)



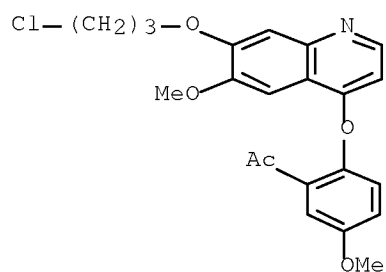
RN 666730-35-4 CAPLUS

CN Ethanone, 1-[2-[[7-(2-chloroethoxy)-6-methoxy-4-quinolinyl]oxy]-5-methoxyphenyl]- (CA INDEX NAME)



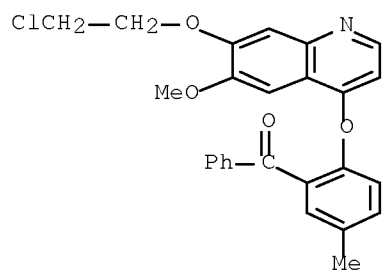
RN 666730-37-6 CAPLUS

CN Ethanone, 1-[2-[[7-(3-chloropropoxy)-6-methoxy-4-quinolinyl]oxy]-5-methoxyphenyl]- (CA INDEX NAME)



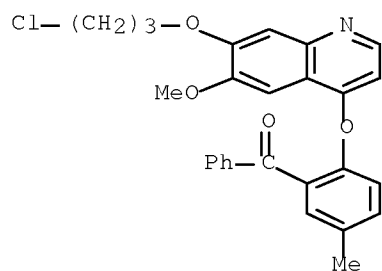
RN 666730-39-8 CAPLUS

CN Methanone, [2-[[7-(2-chloroethoxy)-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



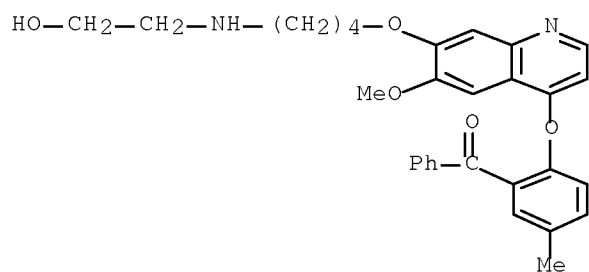
RN 666730-48-9 CAPLUS

CN Methanone, [2-[[7-(3-chloropropoxy)-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



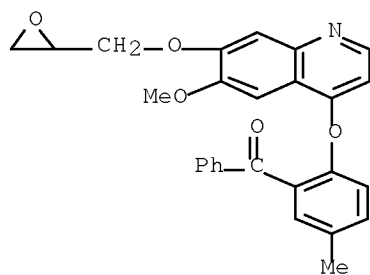
RN 666730-58-1 CAPLUS

CN Methanone, [2-[[7-[4-[(2-hydroxyethyl)amino]butoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



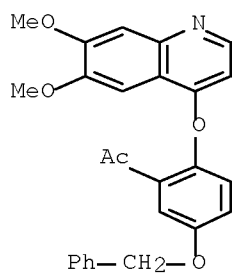
RN 666730-67-2 CAPLUS

CN Methanone, [2-[ [6-methoxy-7-(oxiranylmethoxy)-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (9CI) (CA INDEX NAME)



RN 666730-91-2 CAPLUS

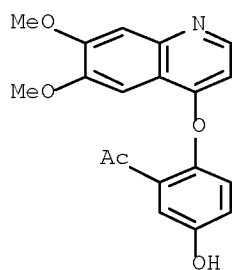
CN Ethanone, 1-[2-[ (6,7-dimethoxy-4-quinolinyl)oxy]-5-(phenylmethoxy)phenyl]- (CA INDEX NAME)



RN 666730-92-3 CAPLUS

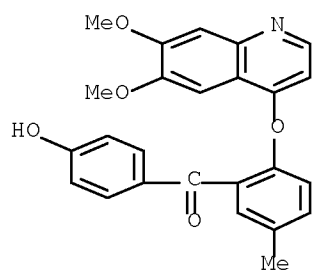
CN Ethanone, 1-[2-[ (6,7-dimethoxy-4-quinolinyl)oxy]-5-hydroxyphenyl]- (CA INDEX NAME)





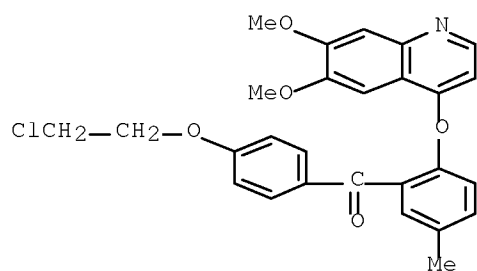
RN 666731-04-0 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl] (4-hydroxyphenyl)- (CA INDEX NAME)



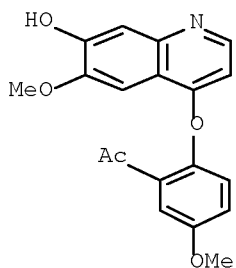
RN 666731-05-1 CAPLUS

CN Methanone, [4-(2-chloroethoxy)phenyl] [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]- (CA INDEX NAME)



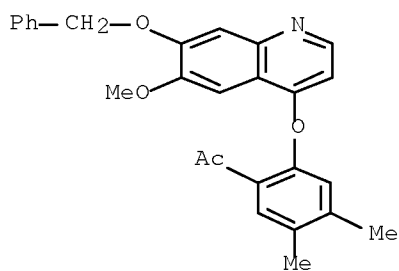
RN 666732-41-8 CAPLUS

CN Ethanone, 1-[2-[(7-hydroxy-6-methoxy-4-quinolinyl)oxy]-5-methoxyphenyl]- (CA INDEX NAME)



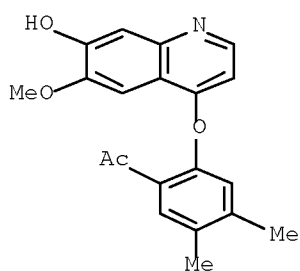
RN 666732-43-0 CAPLUS

CN Ethanone, 1-[2-[[6-methoxy-7-(phenylmethoxy)-4-quinolinyl]oxy]-4,5-dimethylphenyl]- (CA INDEX NAME)



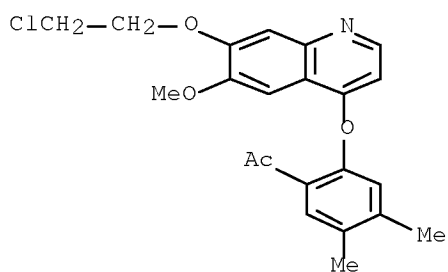
RN 666732-45-2 CAPLUS

CN Ethanone, 1-[2-[[7-hydroxy-6-methoxy-4-quinolinyl]oxy]-4,5-dimethylphenyl]- (CA INDEX NAME)



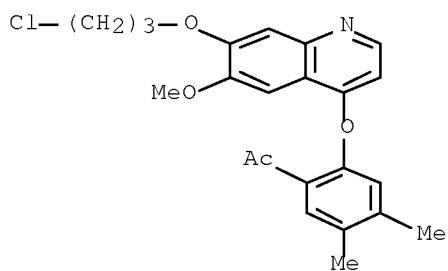
RN 666732-47-4 CAPLUS

CN Ethanone, 1-[2-[[7-(2-chloroethoxy)-6-methoxy-4-quinolinyl]oxy]-4,5-dimethylphenyl]- (CA INDEX NAME)



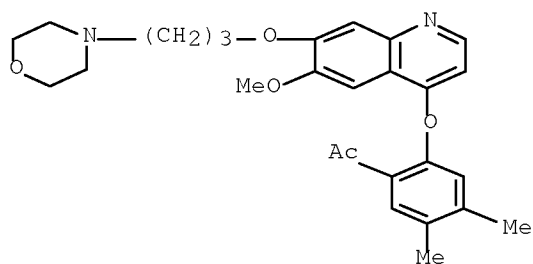
RN 666732-53-2 CAPLUS

CN Ethanone, 1-[2-[[7-(3-chloropropoxy)-6-methoxy-4-quinolinyl]oxy]-4,5-dimethylphenyl]- (CA INDEX NAME)



RN 666732-54-3 CAPLUS

CN Ethanone, 1-[2-[[6-methoxy-7-[3-(4-morpholinyl)propoxy]-4-quinolinyl]oxy]-4,5-dimethylphenyl]- (CA INDEX NAME)



IT	651054-45-4P	666729-48-2P	666729-49-3P
	666729-50-6P	666729-51-7P	666729-52-8P
	666729-53-9P	666729-54-0P	666729-56-2P
	666729-58-4P	666729-59-5P	666729-62-0P
	666729-63-1P	666729-64-2P	666729-65-3P
	666729-66-4P	666729-67-5P	666729-68-6P
	666729-69-7P	666729-70-0P	666729-71-1P
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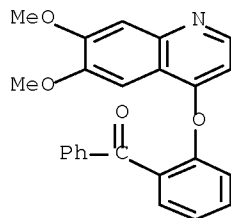
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666729-87-9P	666729-88-0P	666729-89-1P
666729-90-4P	666729-91-5P	666729-92-6P
666729-93-7P	666729-94-8P	666729-96-0P
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666730-00-3P	666730-01-4P	666730-02-5P
666730-03-6P	666730-04-7P	666730-05-8P
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666730-20-7P	666730-21-8P	666730-22-9P
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666730-26-3P	666730-27-4P	666730-28-5P
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666731-06-2P	666731-07-3P	666731-08-4P
666732-49-6P	666732-51-0P	666732-56-5P
666732-58-7P	666733-86-4P	

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of quinoline derivs. as TGF $\beta$  inhibitors)

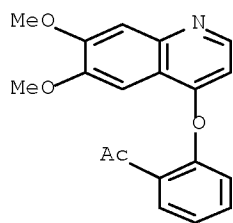
RN 651054-45-4 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]phenyl- (CA INDEX NAME)

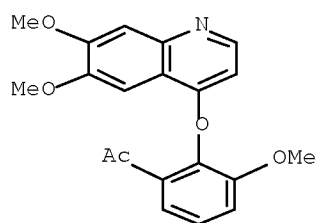


RN 666729-48-2 CAPLUS

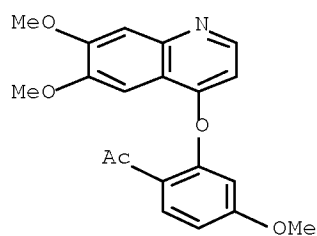
CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]- (CA INDEX NAME)



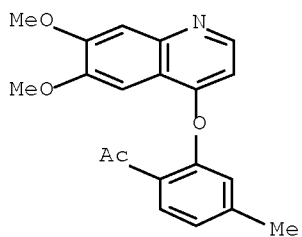
RN 666729-49-3 CAPLUS  
 CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-3-methoxyphenyl]- (CA INDEX NAME)



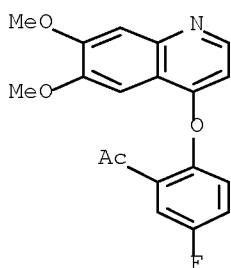
RN 666729-50-6 CAPLUS  
 CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-methoxyphenyl]- (CA INDEX NAME)



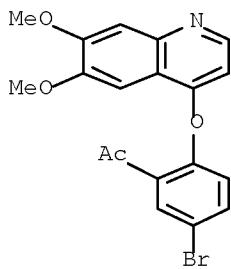
RN 666729-51-7 CAPLUS  
 CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-methylphenyl]- (CA INDEX NAME)



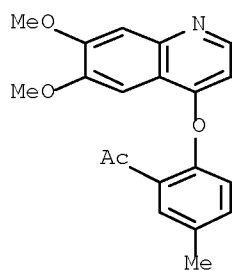
RN 666729-52-8 CAPLUS  
 CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-fluorophenyl]- (CA  
 INDEX NAME)



RN 666729-53-9 CAPLUS  
 CN Ethanone, 1-[5-bromo-2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]- (CA  
 INDEX NAME)

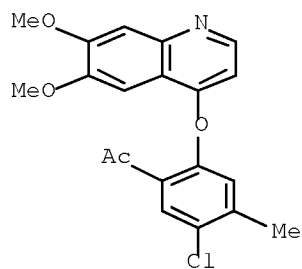


RN 666729-54-0 CAPLUS  
 CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]- (CA  
 INDEX NAME)



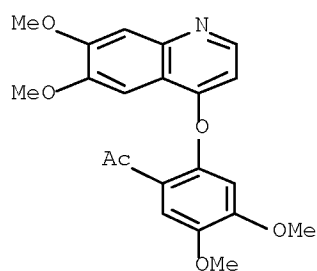
RN 666729-56-2 CAPLUS

CN Ethanone, 1-[5-chloro-2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-methylphenyl]-  
(CA INDEX NAME)



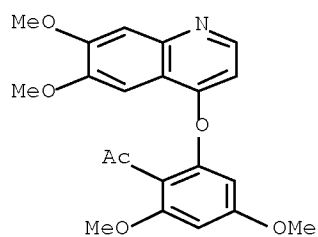
RN 666729-58-4 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4,5-dimethoxyphenyl]-  
(CA INDEX NAME)

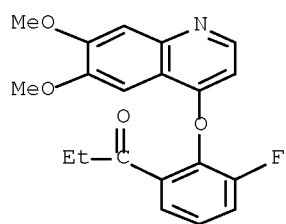


RN 666729-59-5 CAPLUS

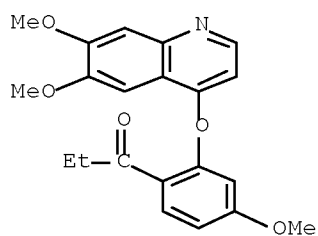
CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4,6-dimethoxyphenyl]-  
(CA INDEX NAME)



RN 666729-62-0 CAPLUS  
 CN 1-Propanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-3-fluorophenyl]- (CA INDEX NAME)

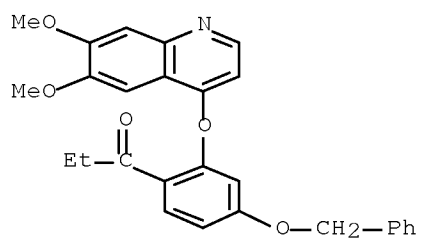


RN 666729-63-1 CAPLUS  
 CN 1-Propanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-methoxyphenyl]- (CA INDEX NAME)

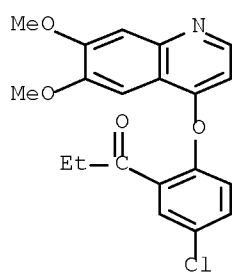


RN 666729-64-2 CAPLUS  
 CN 1-Propanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-(phenylmethoxy)phenyl]- (CA INDEX NAME)

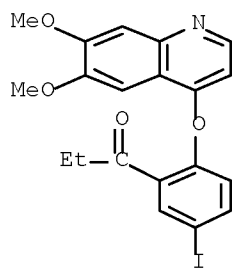




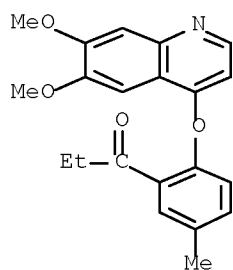
RN 666729-65-3 CAPLUS  
 CN 1-Propanone, 1-[5-chloro-2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]- (CA  
 INDEX NAME)



RN 666729-66-4 CAPLUS  
 CN 1-Propanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-iodophenyl]- (CA  
 INDEX NAME)

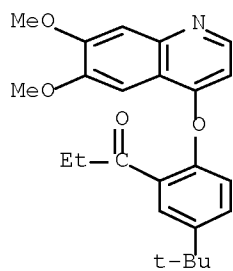


RN 666729-67-5 CAPLUS  
 CN 1-Propanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]- (CA  
 INDEX NAME)



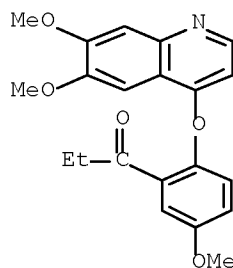
RN 666729-68-6 CAPLUS

CN 1-Propanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-(1,1-dimethylethyl)phenyl]- (CA INDEX NAME)



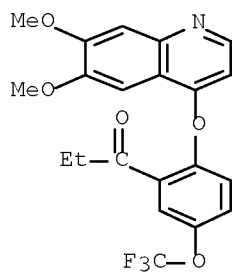
RN 666729-69-7 CAPLUS

CN 1-Propanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methoxyphenyl]- (CA INDEX NAME)

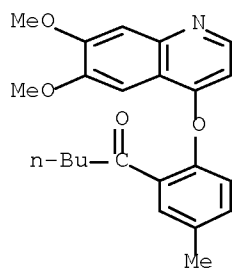


RN 666729-70-0 CAPLUS

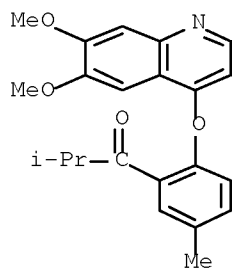
CN 1-Propanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-(trifluoromethoxy)phenyl]- (CA INDEX NAME)



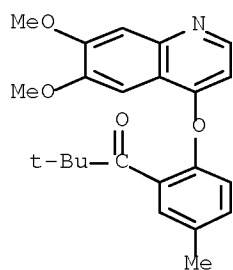
RN 666729-71-1 CAPLUS  
 CN 1-Pentanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]- (CA INDEX NAME)



RN 666729-72-2 CAPLUS  
 CN 1-Propanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]-2-methyl- (CA INDEX NAME)

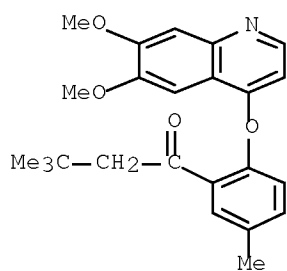


RN 666729-73-3 CAPLUS  
 CN 1-Propanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]-2,2-dimethyl- (CA INDEX NAME)



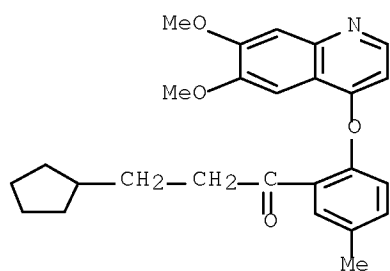
RN 666729-74-4 CAPLUS

CN 1-Butanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]-3,3-dimethyl- (CA INDEX NAME)



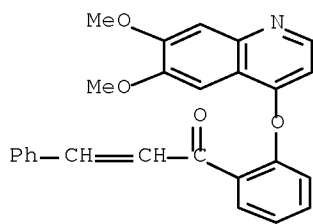
RN 666729-75-5 CAPLUS

CN 1-Propanone, 3-cyclopentyl-1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]- (CA INDEX NAME)



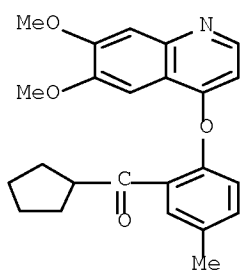
RN 666729-76-6 CAPLUS

CN 2-Propen-1-one, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]-3-phenyl- (CA INDEX NAME)



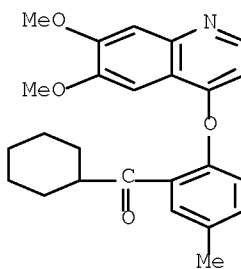
RN 666729-77-7 CAPLUS

CN Methanone, cyclopentyl[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]-  
(CA INDEX NAME)



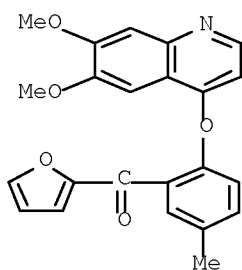
RN 666729-78-8 CAPLUS

CN Methanone, cyclohexyl[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]-  
(CA INDEX NAME)



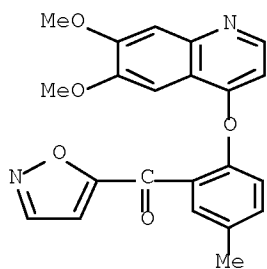
RN 666729-79-9 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]-2-furanyl-  
(CA INDEX NAME)



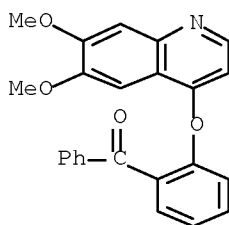
RN 666729-80-2 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]-5-isoxazolyl- (CA INDEX NAME)



RN 666729-81-3 CAPLUS

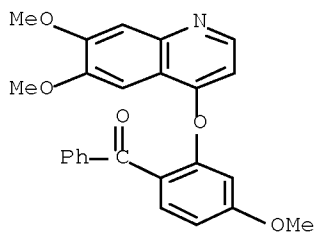
CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]phenyl-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

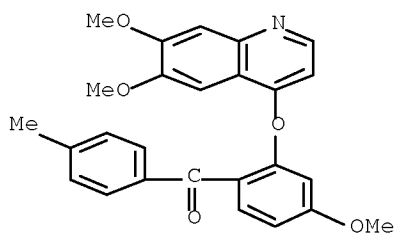
RN 666729-82-4 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-methoxyphenyl]phenyl- (CA INDEX NAME)



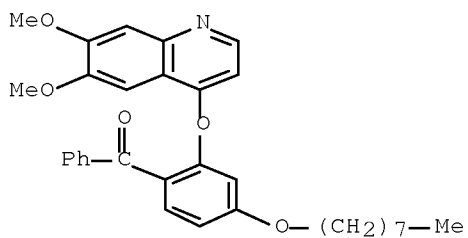
RN 666729-83-5 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-methoxyphenyl] (4-methylphenyl)- (CA INDEX NAME)



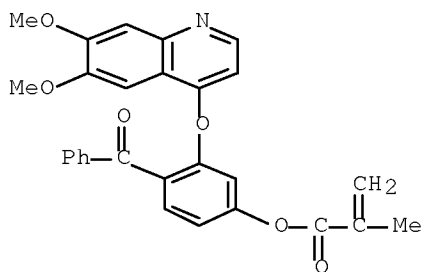
RN 666729-84-6 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-(octyloxy)phenyl]phenyl- (CA INDEX NAME)



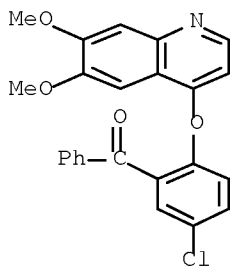
RN 666729-85-7 CAPLUS

CN 2-Propenoic acid, 2-methyl-, 4-benzoyl-3-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl ester (CA INDEX NAME)



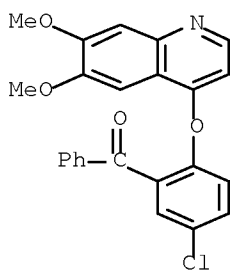
RN 666729-86-8 CAPLUS

CN Methanone, [5-chloro-2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]phenyl-  
(CA INDEX NAME)



RN 666729-87-9 CAPLUS

CN Methanone, [5-chloro-2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]phenyl-,  
hydrochloride (9CI) (CA INDEX NAME)

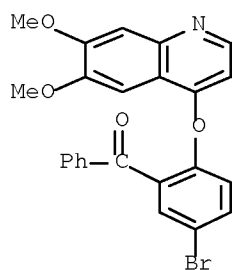


● HCl

RN 666729-88-0 CAPLUS

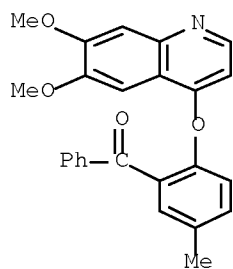
CN Methanone, [5-bromo-2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]phenyl- (CA  
INDEX NAME)





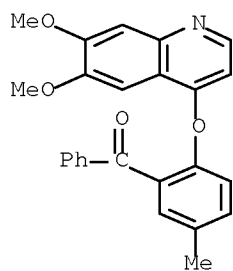
RN 666729-89-1 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]phenyl-  
(CA INDEX NAME)



RN 666729-90-4 CAPLUS

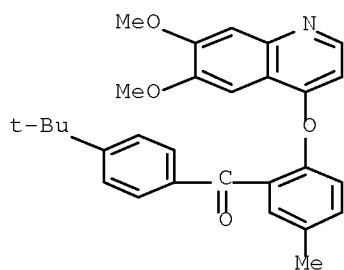
CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]phenyl-,  
hydrochloride (1:1) (CA INDEX NAME)



HCl

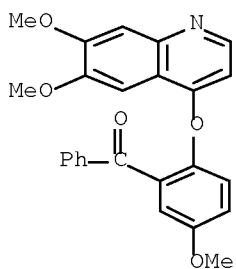
RN 666729-91-5 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl][4-(1,1-dimethylethyl)phenyl]- (CA INDEX NAME)



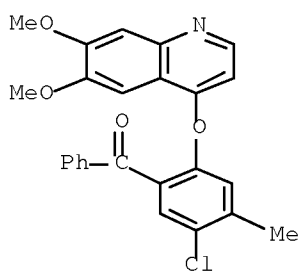
RN 666729-92-6 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methoxyphenyl]phenyl-  
(CA INDEX NAME)



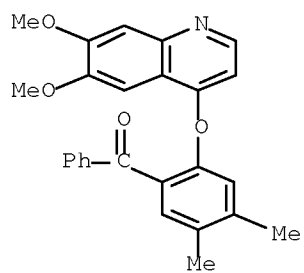
RN 666729-93-7 CAPLUS

CN Methanone, [5-chloro-2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-methylphenyl]phenyl-  
(CA INDEX NAME)



RN 666729-94-8 CAPLUS

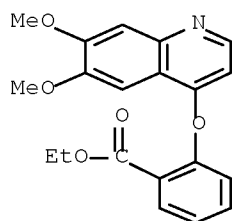
CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4,5-dimethylphenyl]phenyl-  
, hydrochloride (9CI) (CA INDEX NAME)



● HCl

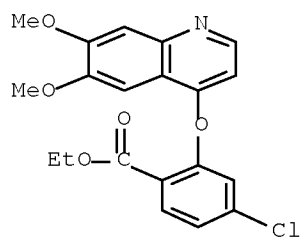
RN 666729-96-0 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, ethyl ester (CA INDEX NAME)



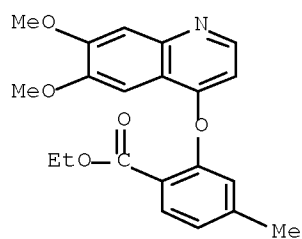
RN 666729-97-1 CAPLUS

CN Benzoic acid, 4-chloro-2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, ethyl ester (CA INDEX NAME)



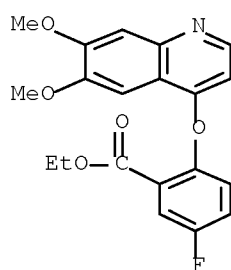
RN 666729-98-2 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-methyl-, ethyl ester (CA INDEX NAME)



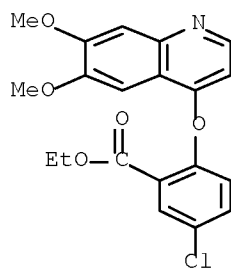
RN 666729-99-3 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-fluoro-, ethyl ester  
(CA INDEX NAME)



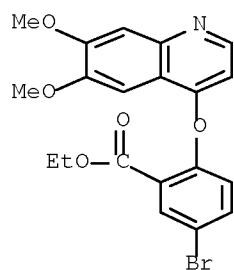
RN 666730-00-3 CAPLUS

CN Benzoic acid, 5-chloro-2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, ethyl ester  
(CA INDEX NAME)



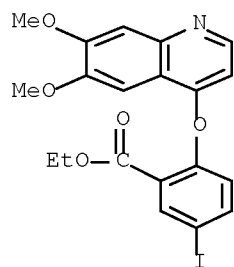
RN 666730-01-4 CAPLUS

CN Benzoic acid, 5-bromo-2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, ethyl ester  
(CA INDEX NAME)



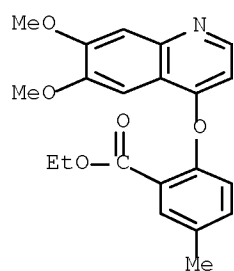
RN 666730-02-5 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-iodo-, ethyl ester  
(CA INDEX NAME)



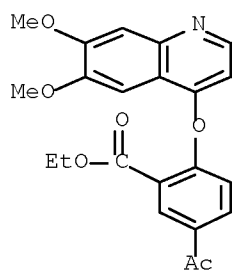
RN 666730-03-6 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methyl-, ethyl ester  
(CA INDEX NAME)



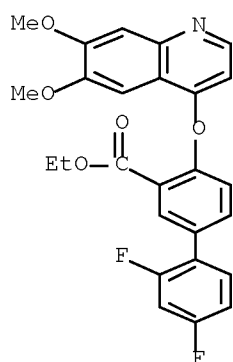
RN 666730-04-7 CAPLUS

CN Benzoic acid, 5-acetyl-2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, ethyl ester  
(CA INDEX NAME)



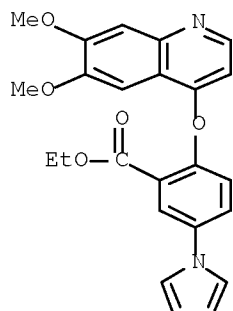
RN 666730-05-8 CAPLUS

CN [1,1'-Biphenyl]-3-carboxylic acid,  
4-[(6,7-dimethoxy-4-quinolinyl)oxy]-2',4'-difluoro-, ethyl ester (CA  
INDEX NAME)



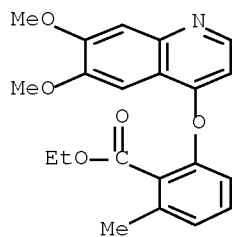
RN 666730-06-9 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-(1H-pyrrol-1-yl)-,  
ethyl ester (CA INDEX NAME)



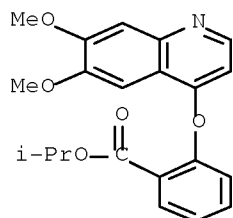
RN 666730-08-1 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-6-methyl-, ethyl ester  
(CA INDEX NAME)



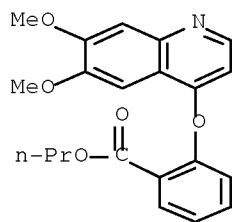
RN 666730-09-2 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, 1-methylethyl ester  
(CA INDEX NAME)



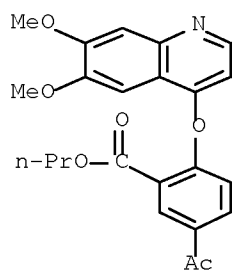
RN 666730-10-5 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, propyl ester (CA  
INDEX NAME)



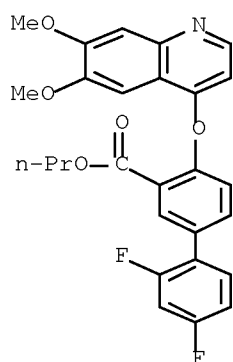
RN 666730-11-6 CAPLUS

CN Benzoic acid, 5-acetyl-2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, propyl ester  
(CA INDEX NAME)



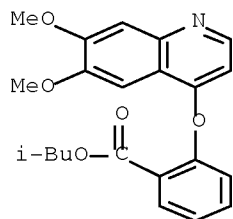
RN 666730-12-7 CAPLUS

CN [1,1'-Biphenyl]-3-carboxylic acid,  
4-[(6,7-dimethoxy-4-quinolinyl)oxy]-2',4'-difluoro-, propyl ester (CA  
INDEX NAME)



RN 666730-13-8 CAPLUS

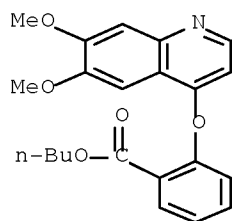
CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, 2-methylpropyl ester  
(CA INDEX NAME)



RN 666730-14-9 CAPLUS

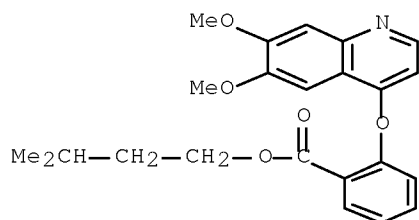
CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, butyl ester (CA INDEX  
NAME)





RN 666730-15-0 CAPLUS

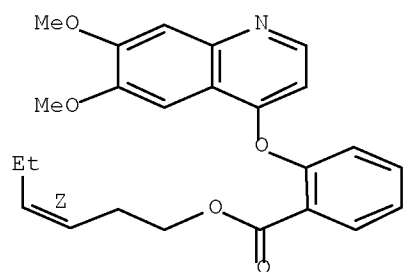
CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, 3-methylbutyl ester  
(CA INDEX NAME)



RN 666730-16-1 CAPLUS

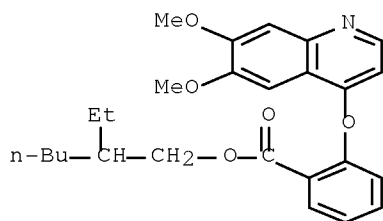
CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, (3Z)-3-hexen-1-yl  
ester (CA INDEX NAME)

Double bond geometry as shown.



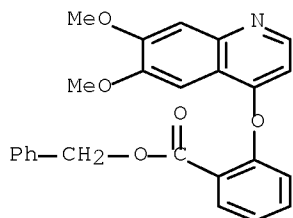
RN 666730-17-2 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, 2-ethylhexyl ester  
(CA INDEX NAME)



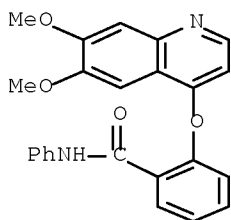
RN 666730-19-4 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-, phenylmethyl ester  
(CA INDEX NAME)



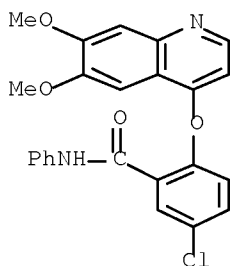
RN 666730-20-7 CAPLUS

CN Benzamide, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-N-phenyl- (CA INDEX NAME)



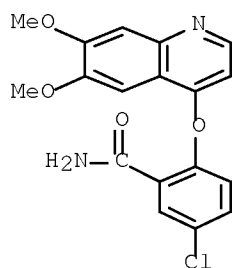
RN 666730-21-8 CAPLUS

CN Benzamide, 5-chloro-2-[(6,7-dimethoxy-4-quinolinyl)oxy]-N-phenyl- (CA INDEX NAME)



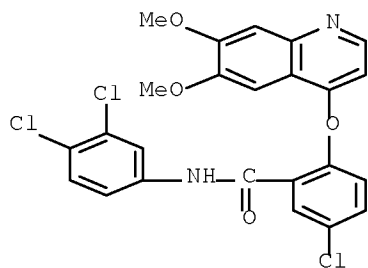
RN 666730-22-9 CAPLUS

CN Benzamide, 5-chloro-2-[(6,7-dimethoxy-4-quinolinyl)oxy]- (CA INDEX NAME)



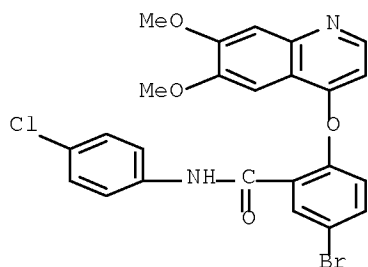
RN 666730-23-0 CAPLUS

CN Benzamide, 5-chloro-N-(3,4-dichlorophenyl)-2-[(6,7-dimethoxy-4-quinolinyl)oxy]- (CA INDEX NAME)



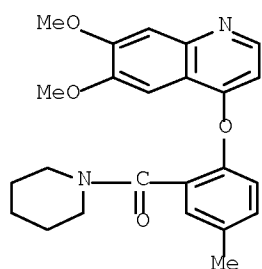
RN 666730-24-1 CAPLUS

CN Benzamide, 5-bromo-N-(4-chlorophenyl)-2-[(6,7-dimethoxy-4-quinolinyl)oxy]- (CA INDEX NAME)



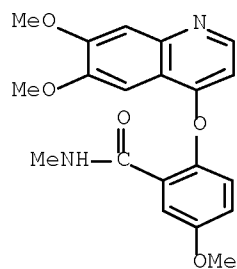
RN 666730-25-2 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]-1-piperidinyl- (CA INDEX NAME)



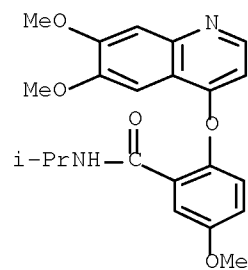
RN 666730-26-3 CAPLUS

CN Benzamide, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methoxy-N-methyl- (CA INDEX NAME)



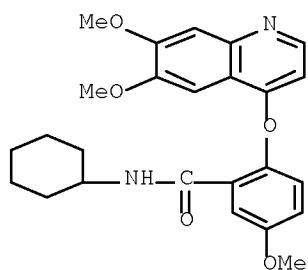
RN 666730-27-4 CAPLUS

CN Benzamide, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methoxy-N-(1-methylethyl)- (CA INDEX NAME)



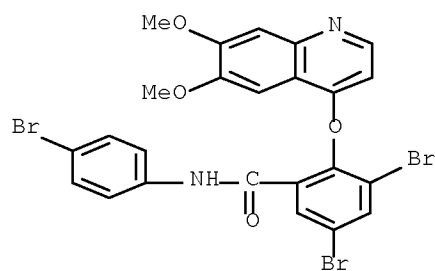
RN 666730-28-5 CAPLUS

CN Benzamide, N-cyclohexyl-2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methoxy- (CA INDEX NAME)



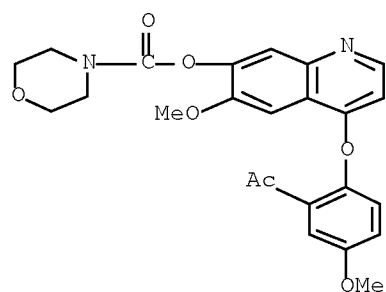
RN 666730-29-6 CAPLUS

CN Benzamide, 3,5-dibromo-N-(4-bromophenyl)-2-[(6,7-dimethoxy-4-quinolinyl)oxy]- (CA INDEX NAME)



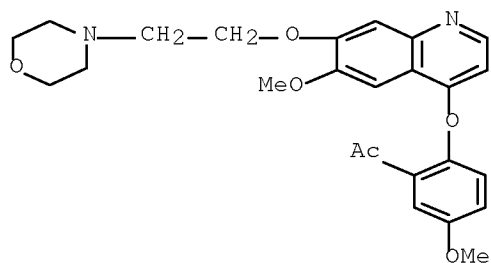
RN 666730-34-3 CAPLUS

CN 4-Morpholinecarboxylic acid, 4-(2-acetyl-4-methoxyphenoxy)-6-methoxy-7-quinolinyl ester (CA INDEX NAME)



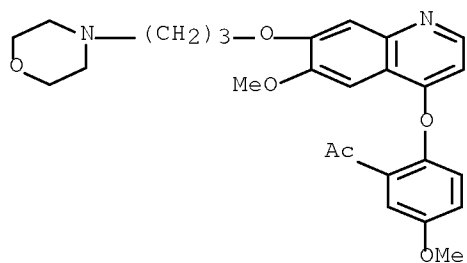
RN 666730-36-5 CAPLUS

CN Ethanone, 1-[5-methoxy-2-[[6-methoxy-7-[2-(4-morpholinyl)ethoxy]-4-quinolinyl]oxy]phenyl]- (CA INDEX NAME)



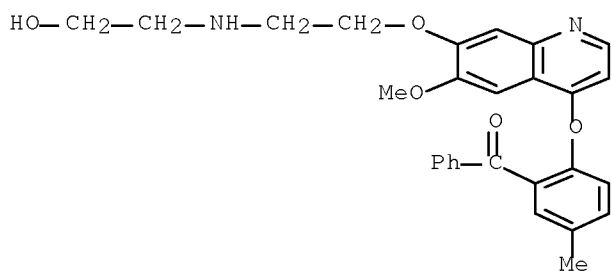
RN 666730-38-7 CAPLUS

CN Ethanone, 1-[5-methoxy-2-[[6-methoxy-7-[3-(4-morpholinyl)propoxy]-4-quinolinyl]oxy]phenyl]- (CA INDEX NAME)



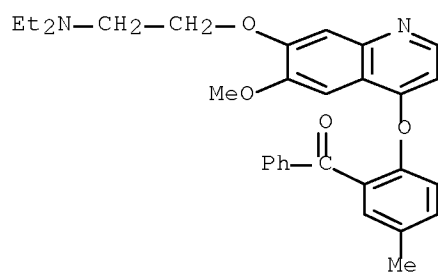
RN 666730-40-1 CAPLUS

CN Methanone, [2-[[7-[2-[(2-hydroxyethyl)amino]ethoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



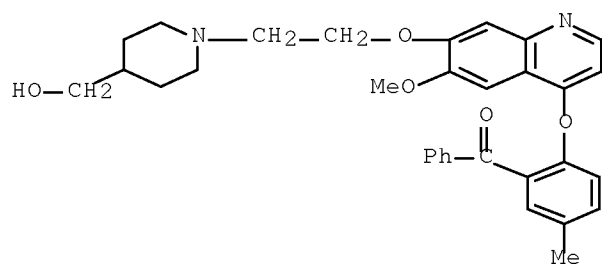
RN 666730-41-2 CAPLUS

CN Methanone, [2-[[7-[2-(diethylamino)ethoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



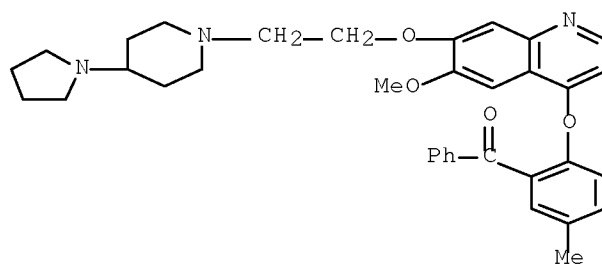
RN 666730-42-3 CAPLUS

CN Methanone, [2-[[7-[2-[4-(hydroxymethyl)-1-piperidinyl]ethoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



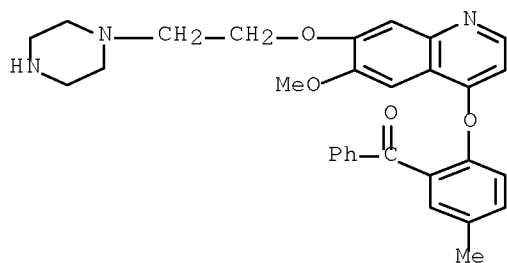
RN 666730-43-4 CAPLUS

CN Methanone, [2-[[6-methoxy-7-[2-[4-(1-pyrrolidinyl)-1-piperidinyl]ethoxy]-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



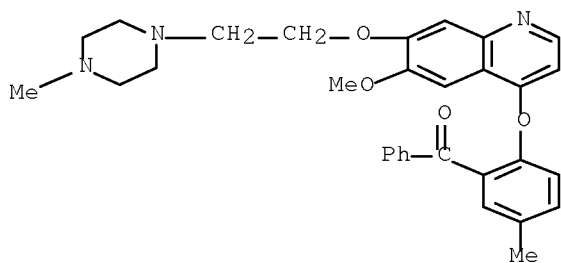
RN 666730-44-5 CAPLUS

CN Methanone, [2-[[6-methoxy-7-[2-(1-piperazinyl)ethoxy]-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



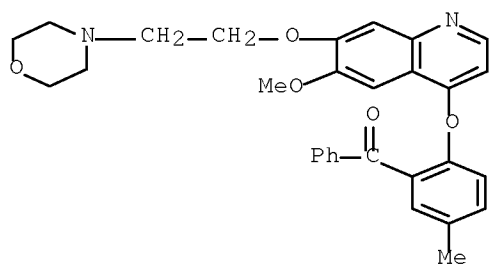
RN 666730-45-6 CAPLUS

CN Methanone, [2-[[6-methoxy-7-[2-(4-methyl-1-piperazinyl)ethoxy]-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



RN 666730-46-7 CAPLUS

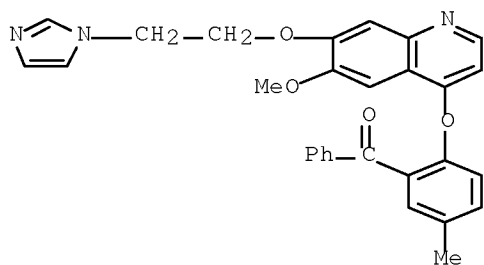
CN Methanone, [2-[[6-methoxy-7-[2-(4-morpholinyl)ethoxy]-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



RN 666730-47-8 CAPLUS

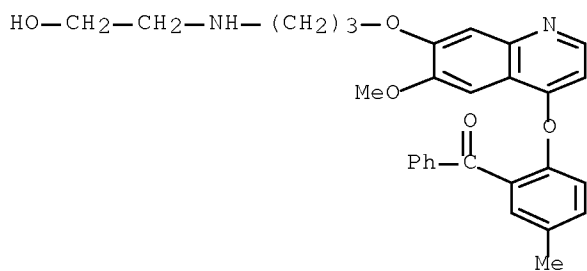
CN Methanone, [2-[[7-[2-(1H-imidazol-1-yl)ethoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)





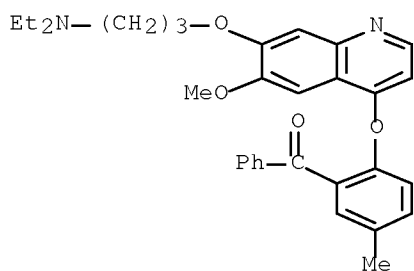
RN 666730-49-0 CAPLUS

CN Methanone, [2-[[7-[3-[(2-hydroxyethyl)amino]propoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



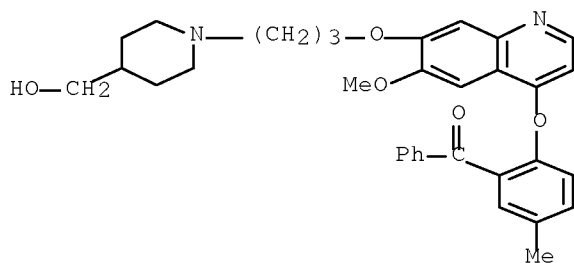
RN 666730-50-3 CAPLUS

CN Methanone, [2-[[7-[3-(diethylamino)propoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



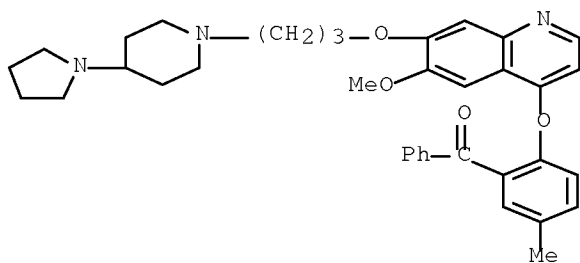
RN 666730-51-4 CAPLUS

CN Methanone, [2-[[7-[3-[4-(hydroxymethyl)-1-piperidinyl]propoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



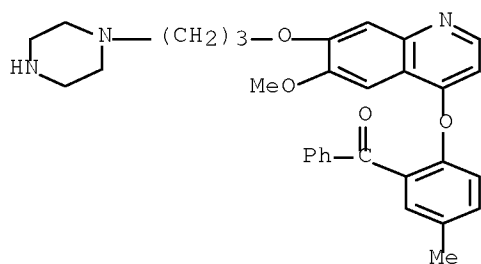
RN 666730-52-5 CAPLUS

CN Methanone, [2-[[6-methoxy-7-[3-[4-(1-pyrrolidinyl)-1-piperidinyl]propoxy]-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



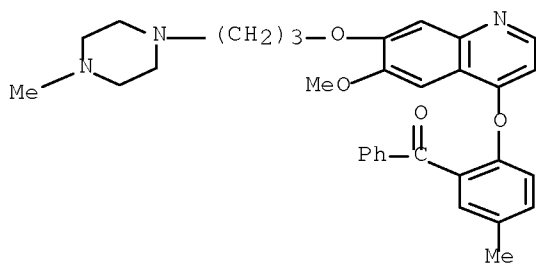
RN 666730-53-6 CAPLUS

CN Methanone, [2-[[6-methoxy-7-[3-(1-piperazinyl)propoxy]-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



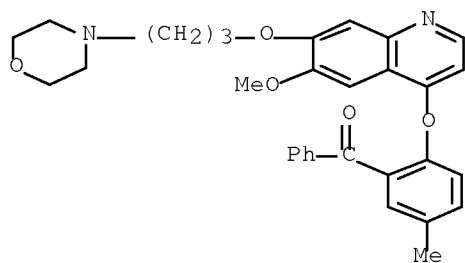
RN 666730-54-7 CAPLUS

CN Methanone, [2-[[6-methoxy-7-[3-(4-methyl-1-piperazinyl)propoxy]-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



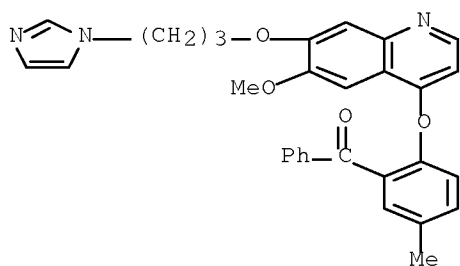
RN 666730-55-8 CAPLUS

CN Methanone, [2-[[6-methoxy-7-[3-(4-morpholinyl)propoxy]-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



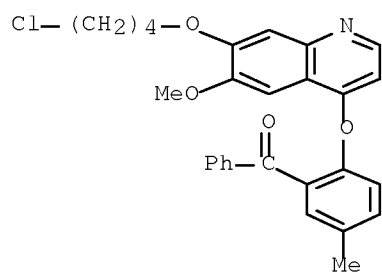
RN 666730-56-9 CAPLUS

CN Methanone, [2-[[7-[3-(1H-imidazol-1-yl)propoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



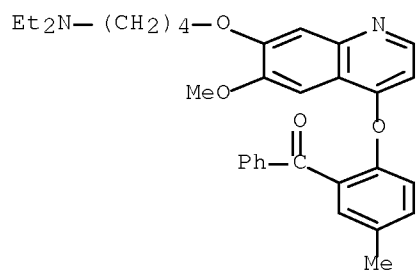
RN 666730-57-0 CAPLUS

CN Methanone, [2-[[7-(4-chlorobutoxy)-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



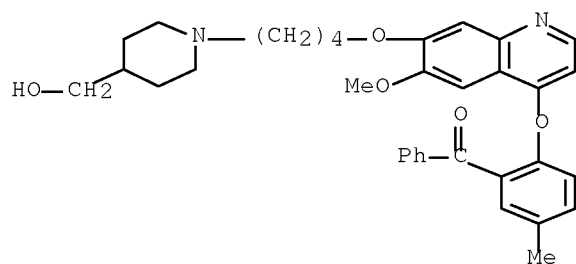
RN 666730-59-2 CAPLUS

CN Methanone, [2-[[7-[4-(diethylamino)butoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



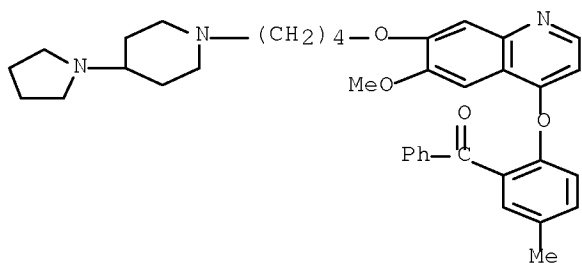
RN 666730-60-5 CAPLUS

CN Methanone, [2-[[7-[4-[4-(hydroxymethyl)-1-piperidinyl]butoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



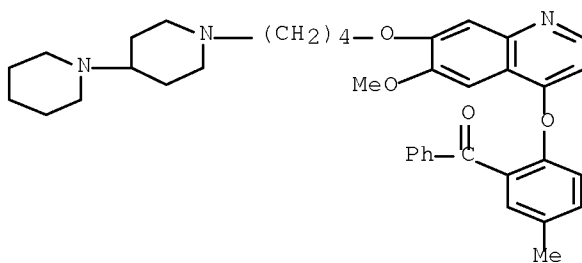
RN 666730-61-6 CAPLUS

CN Methanone, [2-[[6-methoxy-7-[4-[4-(1-pyrrolidinyl)-1-piperidinyl]butoxy]-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



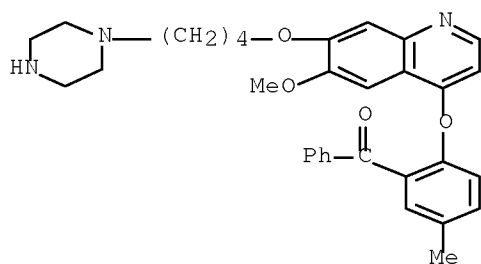
RN 666730-62-7 CAPLUS

CN Methanone, [2-[[7-(4-[1,4'-bipiperidin]-1'-yl)butoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



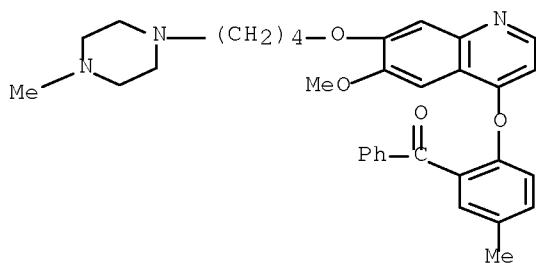
RN 666730-63-8 CAPLUS

CN Methanone, [2-[[6-methoxy-7-[4-(1-piperazinyl)butoxy]-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



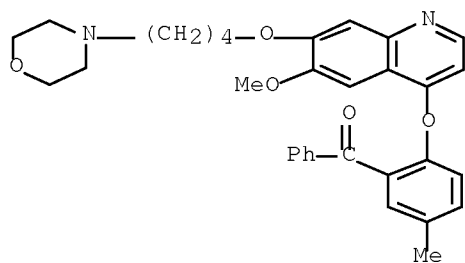
RN 666730-64-9 CAPLUS

CN Methanone, [2-[[6-methoxy-7-[4-(4-methyl-1-piperazinyl)butoxy]-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



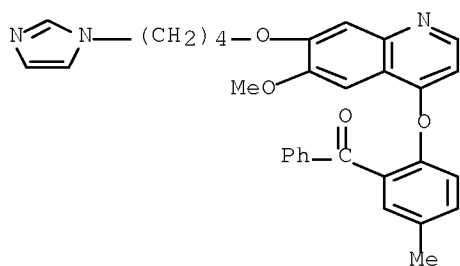
RN 666730-65-0 CAPLUS

CN Methanone, [2-[[6-methoxy-7-[4-(4-morpholinyl)butoxy]-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



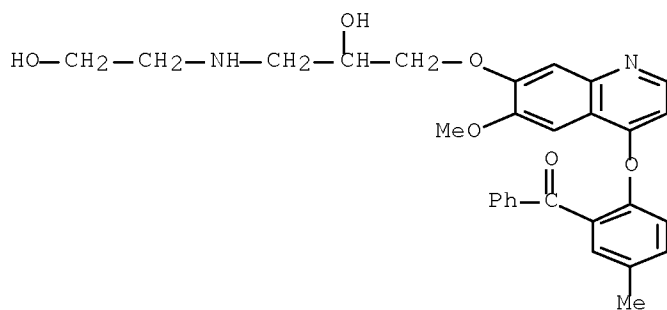
RN 666730-66-1 CAPLUS

CN Methanone, [2-[[7-[4-(1H-imidazol-1-yl)butoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



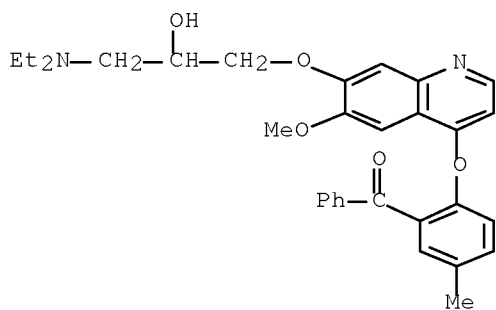
RN 666730-68-3 CAPLUS

CN Methanone, [2-[[7-[2-hydroxy-3-[(2-hydroxyethyl)amino]propoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



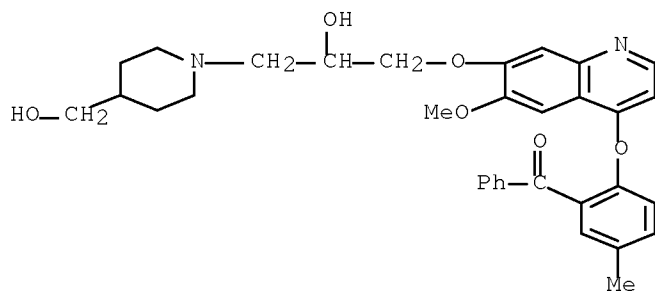
RN 666730-69-4 CAPLUS

CN Methanone, [2-[[7-[3-(diethylamino)-2-hydroxypropoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



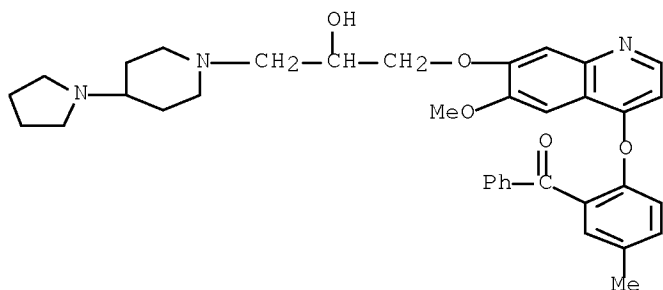
RN 666730-70-7 CAPLUS

CN Methanone, [2-[[7-[2-hydroxy-3-[4-(hydroxymethyl)-1-piperidinyl]propoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



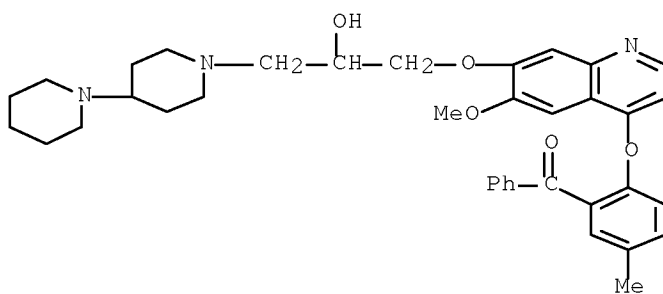
RN 666730-71-8 CAPLUS

CN Methanone, [2-[[7-[2-hydroxy-3-[4-(1-pyrrolidinyl)-1-piperidinyl]propoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



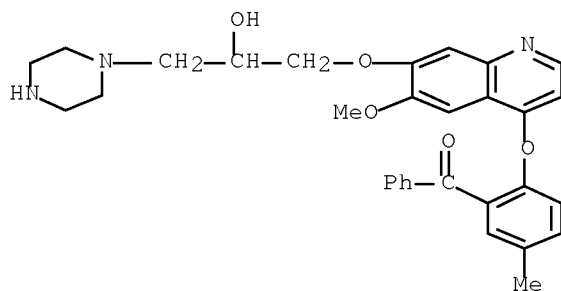
RN 666730-72-9 CAPLUS

CN Methanone, [2-[[7-(3-[1,4'-bipiperidin]-1'-yl-2-hydroxypropoxy)-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



RN 666730-73-0 CAPLUS

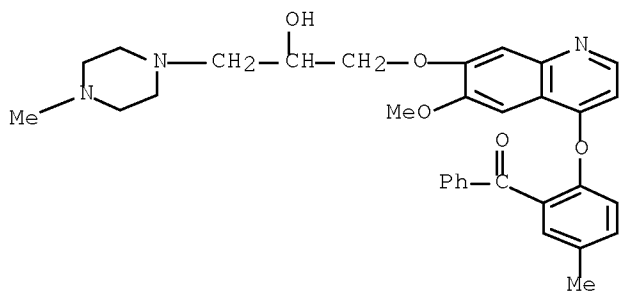
CN Methanone, [2-[[7-[2-hydroxy-3-(1-piperazinyl)propoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



RN 666730-74-1 CAPLUS

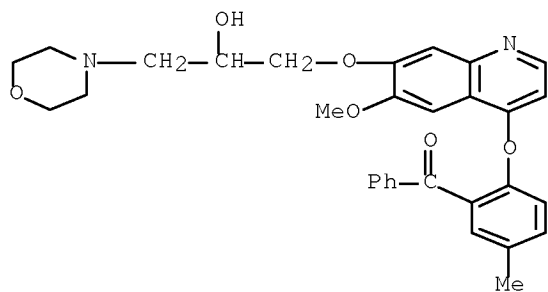
CN Methanone, [2-[[7-[2-hydroxy-3-(4-methyl-1-piperazinyl)propoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)





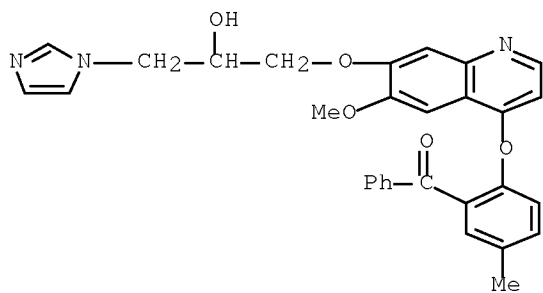
RN 666730-75-2 CAPLUS

CN Methanone, [2-[[7-[2-hydroxy-3-(4-morpholinyl)propoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



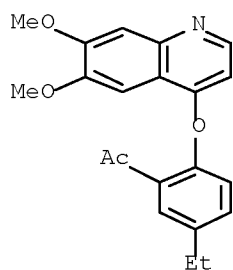
RN 666730-76-3 CAPLUS

CN Methanone, [2-[[7-[2-hydroxy-3-(1H-imidazol-1-yl)propoxy]-6-methoxy-4-quinolinyl]oxy]-5-methylphenyl]phenyl- (CA INDEX NAME)



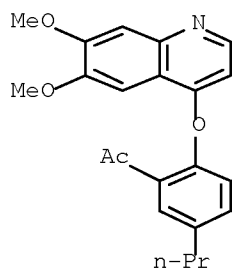
RN 666730-88-7 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-ethylphenyl]- (CA INDEX NAME)



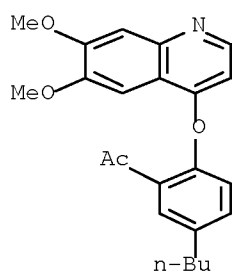
RN 666730-89-8 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-propylphenyl]- (CA INDEX NAME)



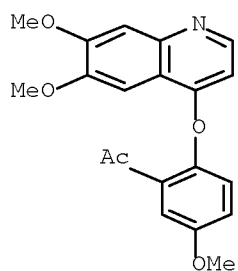
RN 666730-90-1 CAPLUS

CN Ethanone, 1-[5-butyl-2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]- (CA INDEX NAME)



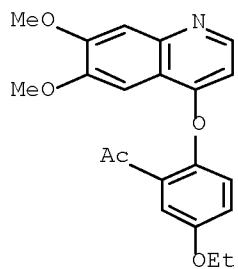
RN 666730-93-4 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methoxyphenyl]-, hydrochloride (1:1) (CA INDEX NAME)

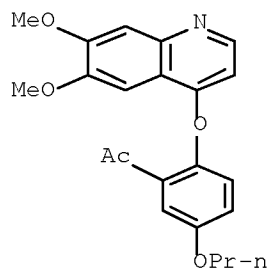


● HCl

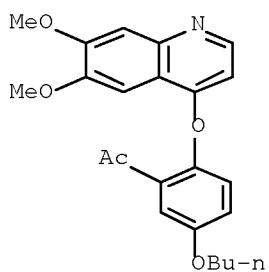
RN 666730-94-5 CAPLUS  
 CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-ethoxyphenyl]- (CA INDEX NAME)



RN 666730-95-6 CAPLUS  
 CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-propoxyphenyl]- (CA INDEX NAME)

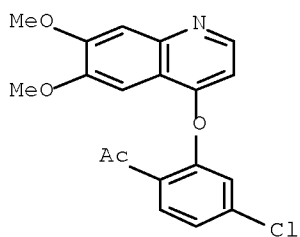


RN 666730-96-7 CAPLUS  
 CN Ethanone, 1-[5-butoxy-2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]- (CA INDEX NAME)



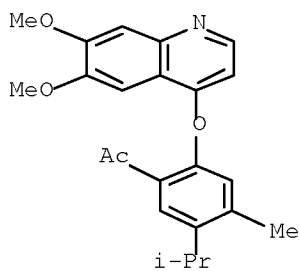
RN 666730-97-8 CAPLUS

CN Ethanone, 1-[4-chloro-2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]- (CA INDEX NAME)



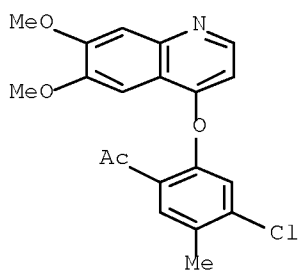
RN 666730-99-0 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-methyl-5-(1-methylethyl)phenyl]- (CA INDEX NAME)



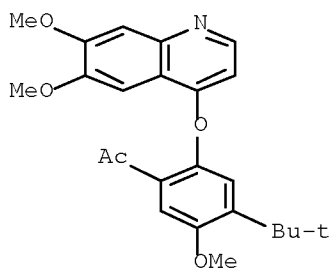
RN 666731-00-6 CAPLUS

CN Ethanone, 1-[4-chloro-2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl]- (CA INDEX NAME)



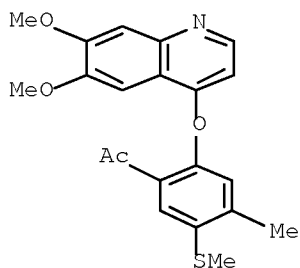
RN 666731-01-7 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-(1,1-dimethylethyl)-5-methoxyphenyl]- (CA INDEX NAME)



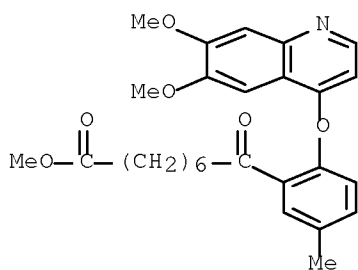
RN 666731-02-8 CAPLUS

CN Ethanone, 1-[2-[(6,7-dimethoxy-4-quinolinyl)oxy]-4-methyl-5-(methylthio)phenyl]- (CA INDEX NAME)



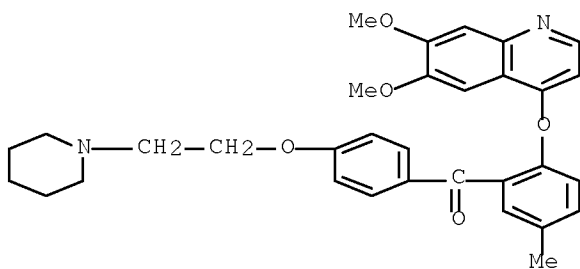
RN 666731-03-9 CAPLUS

CN Benzeneoctanoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methyl-η-oxo-, methyl ester (CA INDEX NAME)



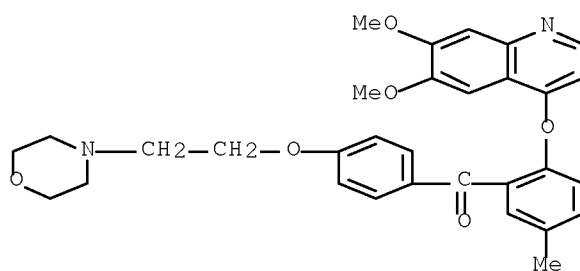
RN 666731-06-2 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl][4-[2-(1-piperidinyl)ethoxy]phenyl]- (CA INDEX NAME)



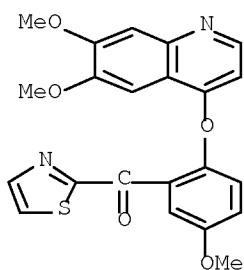
RN 666731-07-3 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methylphenyl][4-[2-(4-morpholinyl)ethoxy]phenyl]- (CA INDEX NAME)



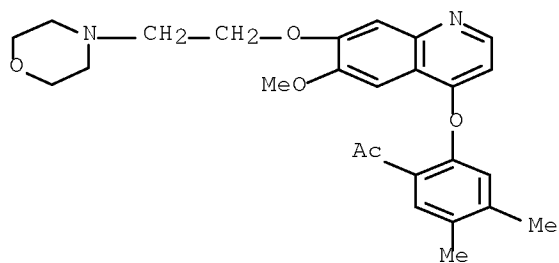
RN 666731-08-4 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methoxyphenyl]-2-thiazolyl- (CA INDEX NAME)



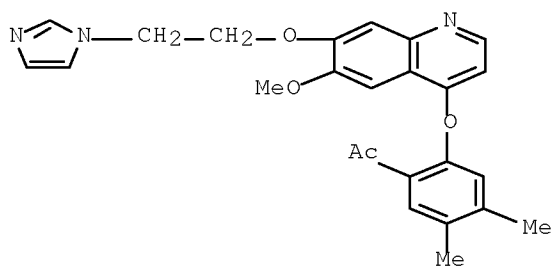
RN 666732-49-6 CAPLUS

CN Ethanone, 1-[2-[[6-methoxy-7-[2-(4-morpholinyl)ethoxy]-4-quinolinyl]oxy]-4,5-dimethylphenyl]- (CA INDEX NAME)



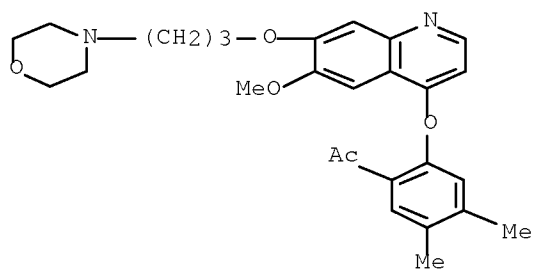
RN 666732-51-0 CAPLUS

CN Ethanone, 1-[2-[[7-[2-(1H-imidazol-1-yl)ethoxy]-6-methoxy-4-quinolinyl]oxy]-4,5-dimethylphenyl]- (CA INDEX NAME)



RN 666732-56-5 CAPLUS

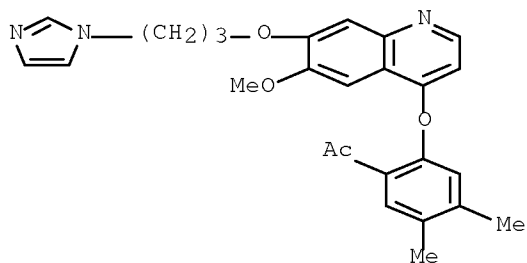
CN Ethanone, 1-[2-[[6-methoxy-7-[3-(4-morpholinyl)propoxy]-4-quinolinyl]oxy]-4,5-dimethylphenyl]-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

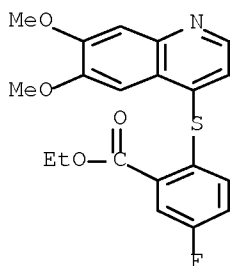
RN 666732-58-7 CAPLUS

CN Ethanone, 1-[2-[[7-[3-(1H-imidazol-1-yl)propoxy]-6-methoxy-4-quinolinyl]oxy]-4,5-dimethylphenyl]- (CA INDEX NAME)



RN 666733-86-4 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)thio]-5-fluoro-, ethyl ester (CA INDEX NAME)



IT 666734-37-8P 666734-38-9P 666734-39-0P  
666734-54-9P 666735-35-9P

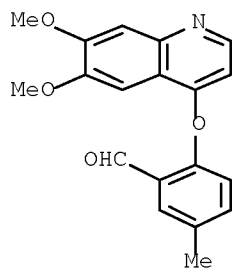
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; preparation of quinoline derivs. as TGFβ inhibitors)

RN 666734-37-8 CAPLUS

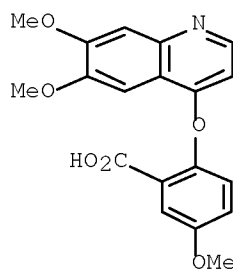


CN Benzaldehyde, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methyl- (CA INDEX NAME)



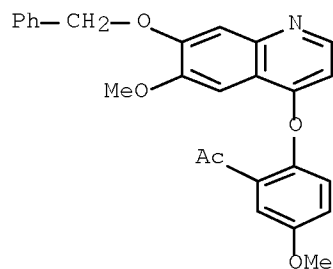
RN 666734-38-9 CAPLUS

CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methoxy- (CA INDEX NAME)



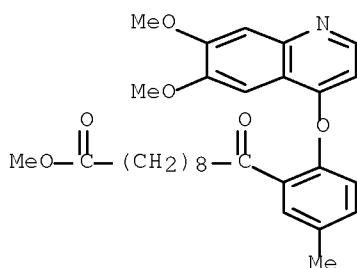
RN 666734-39-0 CAPLUS

CN Ethanone, 1-[5-methoxy-2-[[6-methoxy-7-(phenylmethoxy)-4-quinolinyl]oxy]phenyl]- (CA INDEX NAME)

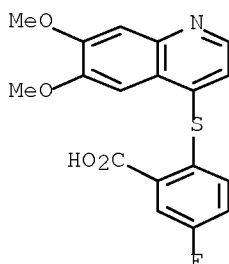


RN 666734-54-9 CAPLUS

CN Benzenedecanoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)oxy]-5-methyl-1-oxo-, methyl ester (CA INDEX NAME)

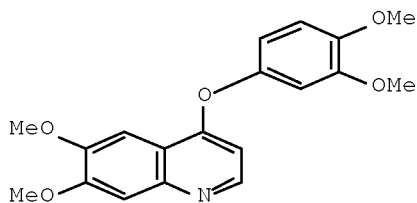


RN 666735-35-9 CAPLUS  
 CN Benzoic acid, 2-[(6,7-dimethoxy-4-quinolinyl)thio]-5-fluoro- (CA INDEX NAME)



OS.CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (8 CITINGS)  
 REFERENCE COUNT: 50 THERE ARE 50 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN  
 ACCESSION NUMBER: 2003:867272 CAPLUS [Full-text](#)  
 DOCUMENT NUMBER: 140:138725  
 TITLE: Synthesis and structure-activity relationship for new series of 4-phenoxyquinoline derivatives as specific inhibitors of platelet-derived growth factor receptor tyrosine kinase  
 AUTHOR(S): Kubo, Kazuo; Ohya, Shin-ichi; Shimizu, Toshiyuki; Takami, Atsuya; Murooka, Hideko; Nishitoba, Tsuyoshi; Kato, Shinichiro; Yagi, Mikio; Kobayashi, Yoshiko; Iinuma, Noriko; Ise, Toshiyuki; Nakamura, Kazuhide; Iijima, Hiroshi; Osawa, Tatsushi; Izawa, Toshio  
 CORPORATE SOURCE: Pharmaceutical Research Laboratories, Kirin Brewery Co., Ltd., Takasaki-shi, Gunma, 370-1295, Japan  
 SOURCE: Bioorganic & Medicinal Chemistry (2003), 11(23), 5117-5133  
 CODEN: BMECEP; ISSN: 0968-0896  
 PUBLISHER: Elsevier Ltd.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 140:138725  
 GI



I

AB We discovered a new series of 4-phenoxyquinoline derivs. as potent and selective inhibitors of the platelet-derived growth factor receptor (PDGFr) tyrosine kinase. We researched the highly potent and selective inhibitors on the basis of both PDGFr and epidermal growth factor receptor (EGFr) inhibitory activity. First, we found a compound, Ki6783 (I), which inhibited PDGFr autophosphorylation at 0.13  $\mu$ M, but it did not inhibit EGFr autophosphorylation at 100  $\mu$ M. After extensive explorations, we found the two desired compds., Ki6896 and Ki6945, which are substituted by benzoyl and benzamide at the 4-position of the phenoxy group on 4-phenoxyquinoline, resp. These inhibitory activities were 0.31 and 0.050  $\mu$ M, resp., but neither of them inhibited EGFr autophosphorylation at 100  $\mu$ M. We further investigated the profile of both compds. toward various tyrosine and serine/threonine kinases. The three compds. specifically inhibited PDGFr rather than the other kinases.

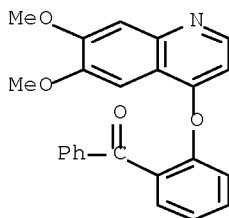
IT 651054-45-4P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of phenoxyquinolines as specific inhibitors of platelet-derived growth factor receptor tyrosine kinase)

RN 651054-45-4 CAPLUS

CN Methanone, [2-[(6,7-dimethoxy-4-quinolinyl)oxy]phenyl]phenyl- (CA INDEX NAME)



OS.CITING REF COUNT: 14 THERE ARE 14 CAPLUS RECORDS THAT CITE THIS RECORD (14 CITINGS)  
 REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2002:123136 CAPLUS Full-text

DOCUMENT NUMBER: 136:168964

TITLE: Photopolymerizable dyes and their production

INVENTOR(S): Cyr, Michael John; Weaver, Max Allen; Rhodes, Gerry  
 Foust; Pearson, Jason Clay; Cook, Phillip Michael; De  
 Wit, Jos Simon; Johnson, Larry Keith  
 PATENT ASSIGNEE(S): Eastman Chemical Company, USA  
 SOURCE: PCT Int. Appl., 112 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

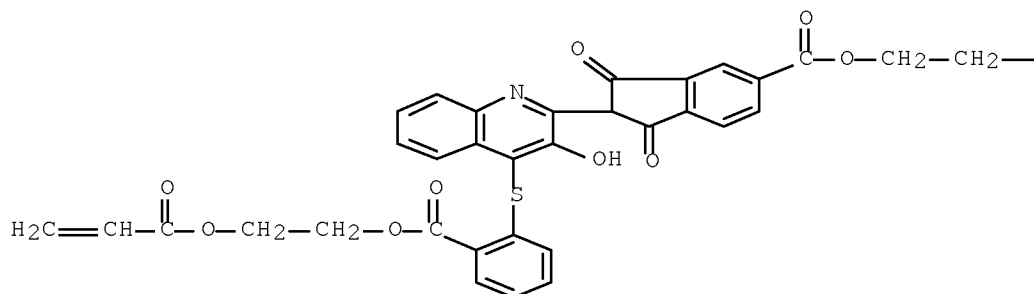
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002012402	A2	20020214	WO 2001-US24634	20010806
WO 2002012402	A3	20021017		
W: JP, MX				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
US 20020132874	A1	20020919	US 2001-920904	20010802
US 6727372	B2	20040427		
EP 1307515	A2	20030507	EP 2001-957464	20010806
EP 1307515	B1	20060628		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004506063	T	20040226	JP 2002-517696	20010806
AT 331763	T	20060715	AT 2001-957464	20010806
EP 1739135	A2	20070103	EP 2006-12732	20010806
EP 1739135	A3	20081210		
R: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE, TR				
US 20040059124	A1	20040325	US 2003-654103	20030903
US 7030244	B2	20060418		
US 20040059014	A1	20040325	US 2003-654175	20030903
US 7060829	B2	20060613		
US 20060052589	A1	20060309	US 2005-249578	20051013
US 20060052469	A1	20060309	US 2005-249793	20051013
US 7138539	B2	20061121		

PRIORITY APPLN. INFO.:  
 US 2000-223521P P 20000807  
 US 2001-920904 A 20010802  
 EP 2001-957464 A3 20010806  
 WO 2001-US24634 W 20010806

AB Disclosed are novel dyes compds. which contain one or more photopolymerizable vinyl groups which may be copolymd. (or cured) with ethylenically unsatd. monomers to produce colored compns. with good color fastness. In an example, a red dye was obtained by diesterifying 1,5-bis(2-carboxyphenylthio)anthraquinone with 4-vinylbenzyl chloride.

IT 1098590-61-4  
 RL: PRPH (Prophetic)  
 (Photopolymerizable dyes and their production)

RN 1098590-61-4 CAPLUS  
 CN INDEX NAME NOT YET ASSIGNED



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:69626 CAPLUS Full-text

DOCUMENT NUMBER: 132:237034

TITLE: Synthesis of substituted quinolines and heterocyclo[x,y-c]quinolines by the nucleophilic substitution and rearrangements of 4-chloro-2-methyl-3-nitroquinolines

AUTHOR(S): Khodair, A. I.; Abbasi, M. M. A.; Ibrahim, El-Sayed I.; Soliman, A. H.; El-Ashry, El-Sayed H.

CORPORATE SOURCE: Chemistry Department, Faculty of Science, Suez Canal University, Ismailia, Egypt

SOURCE: Heterocyclic Communications (1999), 5(6), 577-584  
CODEN: HCOMEX; ISSN: 0793-0283

PUBLISHER: Freund Publishing House Ltd.

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 132:237034

AB 4-Chloro-2-methyl-3-nitroquinolines (I) were used as precursors for the synthesis of heterocyclo[c]quinolines, where the nitro group plays different roles in the cyclization processes. Reduction of the 4-amino-3-nitro derivs. to 3,4-diaminoquinolines and subsequent condensation with carbonyl compds. gave the corresponding imidazo[4,5-c]quinolines. Condensation of I with PhCH<sub>2</sub>NH<sub>2</sub> or amino acids and subsequent cyclization gave the resp. 3-hydroxy-2-phenylimidazo[4,5-c]quinolines, one of which was cyclized to an imidazo[4,5-c]quinoline. Heating an 4-azido-3-nitroquinoline in benzene gave an 1,2,5-oxadiazolo[3,4-c]quinoline. Reaction of I with 2-HOC<sub>6</sub>H<sub>4</sub>R (R = CHO, CO<sub>2</sub>H) gave 4-aryloxy-2-methyl-3-nitroquinolines. Cyclization of some of the latter compds. gave benzopyrano[3,2-c]quinolines.

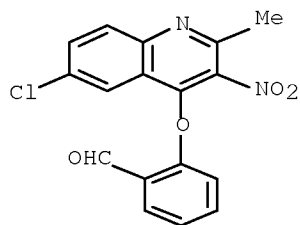
IT 261760-82-1P 261760-83-2P 261760-86-5P  
261760-87-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation of quinolines and heterocycloquinolines by nucleophilic

substitution and rearrangement of chloronitroquinolines)

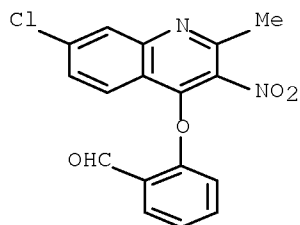
RN 261760-82-1 CAPLUS

CN Benzaldehyde, 2-[(6-chloro-2-methyl-3-nitro-4-quinolinyl)oxy]- (CA INDEX NAME)



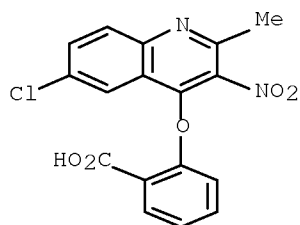
RN 261760-83-2 CAPLUS

CN Benzaldehyde, 2-[(7-chloro-2-methyl-3-nitro-4-quinolinyl)oxy]- (CA INDEX NAME)



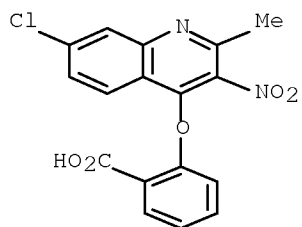
RN 261760-86-5 CAPLUS

CN Benzoic acid, 2-[(6-chloro-2-methyl-3-nitro-4-quinolinyl)oxy]- (CA INDEX NAME)

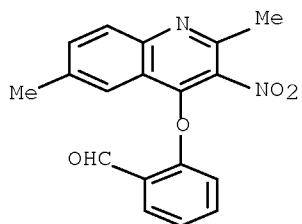


RN 261760-87-6 CAPLUS

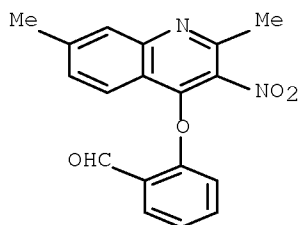
CN Benzoic acid, 2-[(7-chloro-2-methyl-3-nitro-4-quinolinyl)oxy]- (CA INDEX NAME)



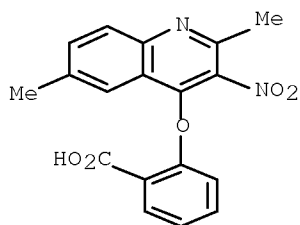
IT 261760-84-3P 261760-85-4P 261760-88-7P  
 261760-89-8P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of quinolines and heterocycloquinolines by nucleophilic  
 substitution and rearrangement of chloronitroquinolines)  
 RN 261760-84-3 CAPLUS  
 CN Benzaldehyde, 2-[(2,6-dimethyl-3-nitro-4-quinolinyl)oxy]- (CA INDEX NAME)



RN 261760-85-4 CAPLUS  
 CN Benzaldehyde, 2-[(2,7-dimethyl-3-nitro-4-quinolinyl)oxy]- (CA INDEX NAME)

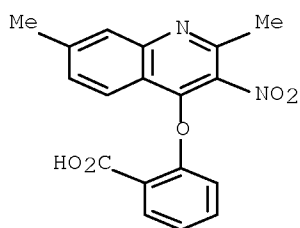


RN 261760-88-7 CAPLUS  
 CN Benzoic acid, 2-[(2,6-dimethyl-3-nitro-4-quinolinyl)oxy]- (CA INDEX NAME)



RN 261760-89-8 CAPLUS

CN Benzoic acid, 2-[(2,7-dimethyl-3-nitro-4-quinolinyl)oxy]- (CA INDEX NAME)



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1989:423415 CAPLUS Full-text

DOCUMENT NUMBER: 111:23415

ORIGINAL REFERENCE NO.: 111:4073a,4076a

TITLE: Some new thiopyranoquinoline derivatives of possible biological activity

AUTHOR(S): Michael, J. M.; Nabih, I.; Elmasry, A.

CORPORATE SOURCE: Med. Chem. Lab., Natl. Res. Cent., Cairo, Egypt

SOURCE: Egyptian Journal of Chemistry (1987), Volume Date 1986, 29(5), 563-8

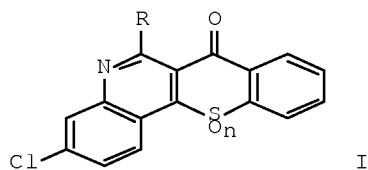
CODEN: EGJCA3; ISSN: 0367-0422

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 111:23415

GI



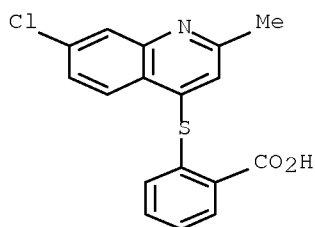


AB Condensation reaction of 2-methyl-4,7-dichloroquinoline with thiosalicylic acid, followed by cyclization of the product in polyphosphoric acid gave benzothiopyranoquinoline I (R = Me, n = 0), (II). Oxidation of II with H2O2 gave I (R = Me, n = 2), which on oxidation with SeO2 gave I (R = CHO, n = 2) (II). Oxidation of II with SeO2 gave III di-Et. Condensation of II with active methylene compds. and amines gave I [R = CH:C(CN)2, CH:C(CO2Et)2, CH:C(CN)CO2Et, CH:CHNO2, CH:NPh, CH:NC6H4Me-4, CH:NNHC(S)NH2, etc.].

IT 121222-30-8P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation and cyclization of, benzothiopyranoquinolinone derivative from)

RN 121222-30-8 CAPLUS

CN Benzoic acid, 2-[(7-chloro-2-methyl-4-quinolinyl)thio]- (CA INDEX NAME)



L3 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1984:34434 CAPLUS Full-text

DOCUMENT NUMBER: 100:34434

ORIGINAL REFERENCE NO.: 100:5343a, 5346a

TITLE: Synthesis and pharmacological properties of some 7H-[1]-benzothiopyrano[3,2-c]quinolin-7-ones

AUTHOR(S): Mirek, Julian; Urbanek, Zbigniew H.; Burzynski, Leszek; Chojnacka-Wojcik, Ewa; Wiczynska, Beata

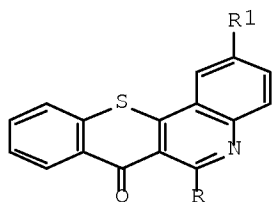
CORPORATE SOURCE: Dep. Org. Chem., Jagellonian Univ., Krakow, 30-060, Pol.

SOURCE: Polish Journal of Pharmacology and Pharmacy (1983), 35(2), 139-49  
 CODEN: PJPPAA; ISSN: 0301-0244

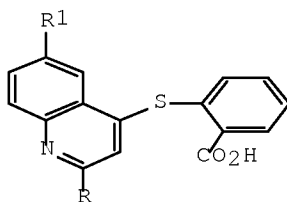
DOCUMENT TYPE: Journal

LANGUAGE: English

GI



I



II

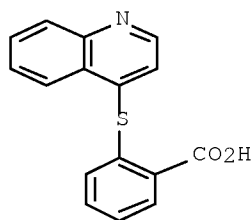
AB The title compds. I (R = H, R1 = H, OH; R = Me, R1 = F, Cl) were prepared by intramol. cyclization of quinolylthiobenzoic acids II. The effects of I on the central nervous system were tested. I (R = Me, R1 = Cl) showed analgesic and sedative activity at > 100 mg/kg.

IT 88350-80-5P 88350-81-6P 88350-82-7P  
88350-83-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation and cyclization of)

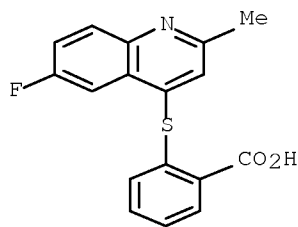
RN 88350-80-5 CAPLUS

CN Benzoic acid, 2-(4-quinolinylthio)- (CA INDEX NAME)



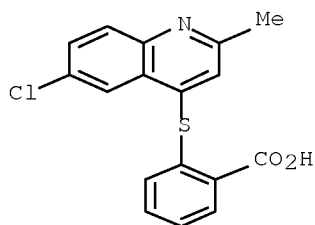
RN 88350-81-6 CAPLUS

CN Benzoic acid, 2-[(6-fluoro-2-methyl-4-quinolinyl)thio]- (CA INDEX NAME)

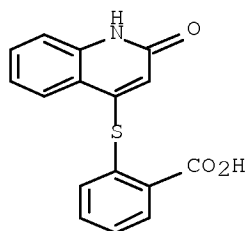


RN 88350-82-7 CAPLUS

CN Benzoic acid, 2-[(6-chloro-2-methyl-4-quinolinyl)thio]- (CA INDEX NAME)



RN 88350-83-8 CAPLUS  
CN Benzoic acid, 2-[(1,2-dihydro-2-oxo-4-quinolinyl)thio]- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD  
(1 CITINGS)

L3 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1964:9721 CAPLUS [Full-text](#)  
DOCUMENT NUMBER: 60:9721  
ORIGINAL REFERENCE NO.: 60:1723b-f  
TITLE: Thiochromoquinolines  
AUTHOR(S): Monti, Franchi Lydia; Pellerano, Cesare  
CORPORATE SOURCE: Inst. Chim. Farm., Siena  
SOURCE: Gazzetta Chimica Italiana (1963), 93(89), 991-9  
CODEN: GCITA9; ISSN: 0016-5603  
DOCUMENT TYPE: Journal  
LANGUAGE: Unavailable

GI For diagram(s), see printed CA Issue.

AB Dehydration of I and II, resp. gave thiochromoquinolines III and IV. I and II were obtained from equimol. amts. of o-HSC<sub>6</sub>H<sub>4</sub>CO<sub>2</sub>H and the following quinolines [(substituents given): 2-Cl, 2,4-ClMe, 4,2-ClMe, 4,2,6-ClMe<sub>2</sub>, and 4,2,6-ClMe(OMe)] in a little EtOH, the solvent evaporated, the residue taken up in dilute NaOH, filtered, and precipitated with AcOH. The following I were prepared (R, m.p., and m.p. Et ester given): H, 158-9° (EtOH), 45°; Me, 170-2° (EtOH), -. Analogously II (R, R<sub>1</sub>, m.p., and m.p. Et ester given): Me, -, 218-20° (EtOH), 108°; Me, Me, 157-8° (EtOH), -; Me, OMe, 206-7° (EtOH), -. III and IV, resp., were prepared by heating I 45-50 min. at 160-80° (II at 120-30° for 2 hrs.) with 6 times their weight of concentrated H<sub>2</sub>SO<sub>4</sub>, making alkaline with NaHCO<sub>3</sub>, filtering, and crystallizing the precipitate III and IV do not react with PhNHNH<sub>2</sub> or NH<sub>2</sub>OH. CO group presence was established by reduction with Zn and Ac<sub>2</sub>O, and saponification of the Ac-derivative (V) formed to the corresponding alcs. (VI) and (VII) with alc. NH<sub>4</sub>OH (5%). III and IV are soluble in concentrated H<sub>2</sub>SO<sub>4</sub> to give colored and fluorescent solns. The following III were prepared (R, m.p., and m.p. picrate, m.p. V, and m.p. VI given): H, 267-8° (acetone), 255-6°, 175°, 226-7° (decomposition); Me, 191-2° (EtOH), 210°, -, -. The following IV were prepared (R, R<sub>1</sub>, m.p., m.p. picrate, V m.p., and VII m.p. given): Me, H, 168° (EtOH), 230-1°, 154°, 237-9°; Me, Me, 202° (EtOH), 239-40°, -, -; Me, OH, 312-14° (decomposition) (AcOH), 230-1°, -, -. The presence of an OH group in this latter compound was due to OMe group sapon, during heating with H<sub>2</sub>-SO<sub>4</sub>; the methylation with Me<sub>2</sub>SO<sub>4</sub> gave the Me(OMe) derivative, m. 212-13° (EtOH) (picrate m. 225°; BzCl gave the Me(OBz) derivative, m. 232-3°).

IT 93325-19-0P, Benzoic acid, o-[(2-methyl-4-quinolyl)thio]-  
93729-10-3P, Benzoic acid, o-[(2,6-dimethyl-4-quinolyl)thio]-  
93729-43-2P, Benzoic acid,  
o-[(6-methoxy-2-methyl-4-quinolyl)thio]- 94256-82-3P, Benzoic

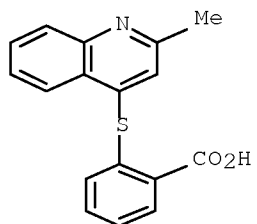
acid, o-[(2-methyl-4-quinolyl)thio]-, ethyl ester

RL: PREP (Preparation)

(preparation of)

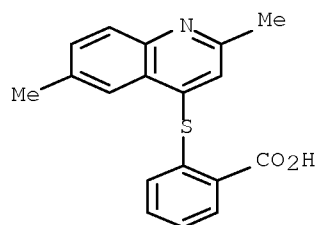
RN 93325-19-0 CAPLUS

CN Benzoic acid, 2-[(2-methyl-4-quinolyl)thio]- (CA INDEX NAME)



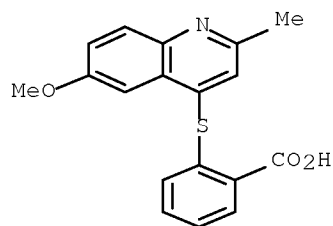
RN 93729-10-3 CAPLUS

CN Benzoic acid, 2-[(2,6-dimethyl-4-quinolyl)thio]- (CA INDEX NAME)



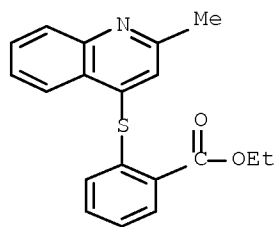
RN 93729-43-2 CAPLUS

CN Benzoic acid, 2-[(6-methoxy-2-methyl-4-quinolyl)thio]- (CA INDEX NAME)



RN 94256-82-3 CAPLUS

CN Benzoic acid, 2-[(2-methyl-4-quinolyl)thio]-, ethyl ester (CA INDEX NAME)



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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

STN INTERNATIONAL LOGOFF AT 09:59:45 ON 10 NOV 2009